

SUPPLEMENT

TO THE

THIRTY-FOURTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND
FISHERIES, BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30,
1901, AND PARTLY FOR THE CALENDAR YEAR 1901

MARINE

REPORTS

OF THE

HARBOUR COMMISSIONERS

FOR

TORONTO, MONTREAL, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY AND PICTOU

THE PILOTAGE AUTHORITIES

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, TOGETHER
WITH STATEMENT OF WRECKS AND CASUALTIES.

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1901

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

PRINTED BY S. E. DAWSON, PRINTER TO THE KING'S MOST
EXCELLENT MAJESTY

1902

OTTAWA, September, 1902.

Hon. JAMES SUTHERLAND,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the Supplement to the thirty-fourth Annual Report of the Marine Branch of the Department of Marine and Fisheries, being for the year 1901, containing a statement of merchant shipping, wrecks and casualties; list of certificates granted to masters and mates; the reports of the harbour commissioners of Toronto, Belleville, Montreal, Quebec, Three Rivers and North Sydney; list of harbour masters; reports of harbours masters generally; reports of pilotage commissioners; reports of port wardens, and list of shipping masters.

I have the honour to be, sir,
Your obedient servant,

F. GOURDEAU,
Deputy Minister of Marine and Fisheries.

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APPENDIX No. I

MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1901, including old and new vessels, sailing vessels, steamers and barges, was 6,792, measuring 664,483 tons register tonnage, being an increase of 57 vessels and an increase of 4,949 tons register, as compared with 1900. The number of steamers on the registry books on the same date was 2,177 with a gross tonnage of 298,421 tons. Assuming the average value to be \$30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be \$19,934,490.

The number of new vessels built and registered in the Dominion of Canada during the last year was 335, measuring 34,481 tons register tonnage. Estimating the value of the new tonnage at \$45 per ton, it gives a total value of \$1,551,645 for new vessels.

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1874 to 1901. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built, and registered from 1874 to 1901, both inclusive. A comparative statement is also given of the tonnage of the Maritime States of the world.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, 1901.

PROVINCE OF NEW BRUNSWICK.

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Chatham.....	333	41	1,800	7,201
Dorchester.....	5	Nil.	Nil.	1,661
Moncton.....	14	1	20	2,700
Richibucto.....	18	4	129	2,772
Sackville.....	10	3	65	546
St. Andrews....	151	7	591	3,103
St. John.....	384	70	7,698	57,310
Total.....	915	126	10,303	75,293

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STATEMENT showing the number of Vessels and number of Tons on the Registry Books,
&c.—Continued.

PROVINCE OF NOVA SCOTIA.

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Amberst.....	5	Nil.	Nil.	118
Annapolis.....	47	1	32	4,894
Arichat.....	94	1	66	3,684
Barrington.....	47	1	48	1,548
Canso.....	20	Nil.	Nil.	425
Digby.....	112	3	124	5,085
Guysboro'.....	18	Nil.	Nil.	731
Halifax.....	428	57	7,162	19,952
Liverpool.....	79	4	239	6,830
Lunenburg.....	304	5	407	27,468
Maitland.....	17	Nil.	Nil.	12,910
Parrsboro'.....	129	2	216	29,367
Pictou.....	56	19	1,045	5,023
Port Hawkesbury.....	77	2	43	2,384
Port Medway.....	20	1	138	2,070
Shelburne.....	81	3	68	4,550
Sydney.....	100	13	802	6,482
Truro.....	1	Nil.	Nil.	122
Weymouth.....	35	1	21	2,813
Windsor.....	109	14	2,603	55,595
Yarmouth.....	201	26	4,750	22,509
Total.....	1,980	153	17,764	214,560

PROVINCE OF QUEBEC.

Amherst (Magdalen Islands).....	14	Nil.	Nil.	473
Gaspé.....	32	1	709	1,889
Montreal.....	570	204	63,816	95,798
Paspébiac.....	11	3	88	863
Quebec.....	638	143	22,192	43,641
Total.....	1,265	351	86,805	142,664

PROVINCE OF ONTARIO.

Amherstburg.....	10	6	101	160
Belleville.....	19	15	352	639
Bowmanville.....	2	Nil.	Nil.	282
Brockville.....	23	22	478	300
Chatham.....	22	15	585	699
Cobourg.....	5	1	23	489
Collingwood.....	69	67	7,129	5,269
Cornwall.....	2	2	46	32
Deseronto.....	17	12	870	1,407
Dunnville.....	1	Nil.	Nil.	57
Goderich.....	35	27	871	1,295
Hamilton.....	49	41	6,114	5,026
Kingston.....	169	84	11,102	23,471
Lindsay.....	42	22	283	1,472
Napanee.....	1	Nil.	Nil.	122
Oakville.....	1	Nil.	Nil.	26
Ottawa.....	363	199	19,440	28,338
Owen Sound.....	43	40	5,374	3,975
Peterborough.....	36	32	1,035	916
Picton.....	21	11	2,884	3,602
Port Arthur.....	22	21	3,262	2,131

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STATEMENT showing the number of Vessels and number of Tons on the Registry Books,
 &c.—*Concluded.*

PROVINCE OF ONTARIO—*Concluded.*

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Port Burwell	7	5	53	140
Port Colborne	2	2	92	61
Port Dover	12	7	201	590
Port Hope	50	30	2,351	4,545
Port Rowan	5	2	35	271
Port Stanley	7	7	1,115	691
Prescott	40	18	1,252	7,169
Rat Portage	8	8	485	253
Sarnia	34	23	8,210	7,931
Saugeen	11	10	527	408
Sault St. Marie	32	28	1,697	3,511
St. Catharines	94	56	4,557	11,033
Toronto	294	220	21,327	19,982
Wallaceburg	28	16	1,206	1,865
Whitby	3	Nil.	Nil.	514
Windsor	56	27	7,343	6,555
Total	1,635	1,076	110,400	145,227

PROVINCE OF PRINCE EDWARD ISLAND.

Charlottetown	180	21	3,966	14,729
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PROVINCE OF BRITISH COLUMBIA.

New Westminster	154	93	7,028	9,501
Vancouver	255	116	15,594	14,901
Victoria	267	142	35,843	37,700
Total	676	351	58,465	62,102

PROVINCE OF MANITOBA.

Winnipeg	130	88	6,751	7,445
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YUKON DISTRICT.

Dawson City	11	11	3,967	2,463
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SUMMARY.

New Brunswick	915	126	10,303	75,293
Nova Scotia	1,980	153	17,764	214,560
Quebec	1,265	351	86,805	142,664
Ontario	1,635	1,076	110,400	145,227
P. E. Island	180	21	3,966	14,729
British Columbia	676	351	58,465	62,102
Manitoba	130	88	6,751	7,445
Yukon District	11	11	3,967	2,463
Grand Total	6,792	2,177	298,421	664,483

1-2 EDWARD VII., A. 1902

COMPARATIVE STATEMENT showing the Number of Vessels and Number of Tons on the Registry Books of the Dominion of Canada, on the 31st December in each Year, from 1874 to 1901, both inclusive.

Provinces.	1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,144	294,741	1,133	307,926	1,154	324,513	1,133	329,457	1,142	335,965
Nova Scotia....	2,787	479,669	2,786	505,144	2,867	529,252	2,961	541,579	3,003	553,368
Quebec.....	1,837	218,946	1,831	222,965	1,902	228,502	1,951	248,399	1,676	248,349
Ontario.....	815	113,008	825	114,990	889	123,947	926	131,761	958	135,440
P. E. Island....	312	48,388	335	50,677	338	50,692	342	55,547	322	54,250
B. Columbia....	35	3,611	40	3,685	40	3,809	43	3,479	51	4,482
Manitoba.....			2	178	2	178	6	246	17	1,161
Total.....	6,930	1,158,363	6,952	1,205,565	7,192	1,260,893	7,362	1,310,468	7,169	1,333,015
	1879.		1880.		1881.		1882.		1883.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,135	340,491	1,097	336,976	1,087	333,215	1,065	308,980	1,107	315,906
Nova Scotia....	2,975	552,159	2,977	550,448	3,025	558,911	3,026	546,778	3,037	541,715
Quebec.....	1,975	246,025	1,889	233,341	1,830	224,936	1,754	215,804	1,739	216,577
Ontario.....	1,006	136,987	1,042	137,481	1,081	139,998	1,112	137,061	1,133	140,972
P. E. Island....	298	49,807	288	45,931	273	45,410	248	41,684	241	49,446
B. Columbia....	60	4,701	63	5,049	74	6,296	84	7,687	94	9,046
Manitoba.....	22	1,924	21	1,992	24	2,130	23	2,783	24	2,778
Total.....	7,471	1,332,094	7,377	1,311,218	7,394	1,310,896	7,312	1,260,777	7,375	1,276,440
	1884.		1885.		1886.		1887.		1888.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,096	308,131	1,060	288,589	1,042	269,224	1,027	255,126	1,009	239,332
Nova Scotia....	2,942	544,048	2,988	541,832	2,929	526,921	2,845	498,878	2,851	485,709
Quebec.....	1,628	202,842	1,631	203,635	1,650	232,556	1,586	189,064	1,498	178,520
Ontario.....	1,184	142,387	1,223	144,487	1,248	140,929	1,275	139,548	1,330	139,502
P. E. Island....	234	39,213	227	36,040	225	30,658	225	29,031	218	26,586
B. Columbia....	116	11,403	123	11,834	134	11,900	149	12,789	167	14,249
Manitoba.....	55	5,722	63	5,439	65	5,578	71	5,871	69	5,744
Total . .	7,255	1,253,747	7,315	1,231,856	7,293	1,217,766	7,178	1,130,307	7,142	1,089,642
	1889.		1890.		1891.		1892.		1893.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,013	218,873	981	209,460	969	193,193	946	181,779	1,010	156,086
Nova Scotia....	2,855	464,431	2,793	464,194	2,778	461,758	2,731	425,690	2,715	396,263
Quebec.....	1,455	168,500	1,399	164,003	1,404	162,330	1,408	162,638	1,426	161,121
Ontario.....	1,352	141,839	1,312	138,738	1,345	138,914	1,347	141,750	1,370	146,665
P. E. Island...	224	25,506	231	26,080	195	23,316	196	22,706	188	20,970
B. Columbia....	176	15,241	196	16,024	246	19,767	298	23,448	315	24,900
Manitoba.....	77	6,091	79	6,475	78	6,197	81	6,118	89	6,534
Total.....	7,152	1,040,481	6,991	1,024,974	7,015	1,005,475	7,007	964,129	7,113	912,539

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COMPARATIVE STATEMENT showing the Number of Vessels and Number of Tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.*

Provinces.	1894.		1895.		1896.		1897.		1898.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,003	136,257	975	122,417	964	115,506	923	103,584	903	89,257
Nova Scotia...	2,710	371,432	2,683	343,356	2,669	317,526	2,204	283,056	2,167	262,176
Quebec	1,427	160,590	1,454	158,776	1,469	158,649	1,480	158,077	1,378	144,447
Ontario	1,480	148,525	1,508	148,609	1,525	146,522	1,424	135,349	1,452	134,180
P. E. Island...	191	19,650	190	19,323	174	16,540	174	15,812	178	15,979
B. Columbia...	336	26,455	346	25,988	363	26,622	364	28,604	444	40,304
Manitoba.....	98	6,715	106	7,307	115	7,934	115	7,272	121	7,439
Total.....	7,245	869,624	7,262	825,776	7,279	789,299	6,684	731,754	6,643	693,782

		1899.		1900.		1901.	
New Brunswick.....	920	86,288	927	78,708	915	75,293	
Nova Scotia.....	2,121	243,457	2,121	226,817	1,980	214,560	
Quebec.....	1,375	144,586	1,247	138,136	1,265	142,664	
Ontario.....	1,488	135,234	1,610	141,112	1,635	145,227	
Prince Edward Island.	171	14,660	176	14,251	180	14,729	
British Columbia...	488	44,415	515	51,095	676	62,102	
Manitoba.....	126	9,108	128	7,147	130	7,445	
Yukon District.	9	1,604	11	2,268	11	2,463	
Total..	6,698	679,352	6,735	659,534	6,792	664,483	

LIST of Ports at which Vessels may be Registered, showing the Number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended 31st December, 1901.

PROVINCE OF NEW BRUNSWICK.

Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Chatham	14	322
Dorchester.	Nil.	Nil.
Moncton	1	353
Richibucto.	2	31
Sackville	Nil.	Nil.
St. Andrews.	Nil.	Nil.
St. John.	8	435
Total.	25	1,141

PROVINCE OF NOVA SCOTIA.

Amherst.....	Nil.	Nil.
Annapolis.....	5	849
Arichat.....	13	295
Barrington.....	2	30
Canso.....	4	58
Digby.....	13	535
Guysboro'.....	Nil.	Nil.
Halifax.....	3	67
Liverpool.....	8	1,872
Lunenburg.....	39	4,178
Maitland.....	2	612
Parrsboro'.....	13	2,494
Pictou.....	1	85
Port Hawkesbury.....	1	11
Port Medway.....	2	467
Shelburne.....	8	855
Sydney.....	4	56
Truro.....	Nil.	Nil.
Weymouth.....	2	237
Windsor.....	4	1,398
Yarmouth.....	9	561
Total.	133	14,660

PROVINCE OF QUEBEC.

Amherst (Magdalen Is- lands).....	1	13
Gaspé.....	Nil.	Nil.
Montreal.....	20	6,556
Paspébiac.....	Nil.	Nil.
Quebec.....	22	852
• Total.....	43	7,421

PROVINCE OF ONTARIO.

Amherstburg.....	Nil.	Nil.
Belleville.....	2	6
Bowmanville.....	Nil.	Nil.
Brockville.....	Nil.	Nil.
Chatham.....	Nil.	Nil.
Cobourg.....	Nil.	Nil.
Collingwood.....	Nil.	Nil.
Cornwall.....	Nil.	Nil.
Deseronto.....	Nil.	Nil.
Dunnville.....	Nil.	Nil.
Goderich.....	2	46
Hamilton.....	1	4
Kingston.....	10	1,107
Lindsay.....	4	19
Morrisburg.....	Nil.	Nil.
Napanee.....	Nil.	Nil.
Oakville.....	Nil.	Nil.
Ottawa.....	8	193
Owen Sound.....	4	77
Peterborough.....	4	53
Picton.....	Nil.	Nil.
Port Arthur.....	3	81
Port Burwell.....	Nil.	Nil.
Port Colborne.....	Nil.	Nil.
Port Dover.....	Nil.	Nil.
Port Hope.....	1	5
Port Rowan.....	Nil.	Nil.
Port Stanley.....	1	22
Prescott.....	Nil.	Nil.
Rat Portage.....	6	233
Sarnia.....	1	58
Saugeen.....	1	5
Sault Ste. Marie.....	1	107
St. Catharines.....	4	345
Toronto.....	9	304
Wallaceburg.....	Nil.	Nil.
Whitby.....	Nil.	Nil.
Windsor.....	Nil.	Nil.
Total.....	62	2,665

PROVINCE OF PRINCE EDWARD ISLAND.

Charlottetown.....	6	589
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LISTS of Ports at which Vessels may be Registered, showing the number of New Vessels built and registered, &c.--*Concluded.*

PROVINCE OF BRITISH COLUMBIA.

Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.	Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
New Westminster.....	19	872	SUMMARY.		
Vancouver.....	10	2,753	New Brunswick.....	25	1,141
Victoria.....	33	4,103	Nova Scotia.....	133	14,660
Total.....	62	7,728	Quebec.....	43	7,421
PROVINCE OF MANITOBA.			Ontario.....	62	2,665
Winnipeg.....	3	112	Prince Edward Island...	6	589
YUKON DISTRICT.			British Columbia.....	62	7,728
Dawson City.....	1	165	Manitoba.....	3	112
			Yukon District... ..	1	165
			Total..	335	34,481

1-2 EDWARD VII., A. 1902

COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion
1901, both

Provinces.	1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	90	42,027	65	33,483	61	31,040	54	31,158	56	27,368
Nova Scotia	175	84,480	177	67,106	194	58,771	219	47,980	166	49,784
Quebec	73	20,796	103	22,825	51	17,800	62	19,253	46	10,870
Ontario	50	10,797	53	7,760	47	5,397	28	3,316	30	2,409
Prince Edward Island	88	24,634	83	19,838	62	14,571	62	17,026	38	10,382
British Columbia	5	276			1	121	2	204	2	45
Manitoba							3	48	1	15
	481	183,010	481	151,012	416	127,700	430	118,985	339	100,873
Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered	6	7,746			3	2,721	2	1,943	1	663
Add new vessels which left Quebec for registration in Germany					1	480				
Total	487	190,756	481	151,012	420	130,901	432	120,928	340	101,536

Provinces.	1888.		1889.		1890.		1891.		1892.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	32	2,530	50	4,792	35	5,572	43	6,269	21	1,873
Nova Scotia	116	12,965	126	19,645	150	33,907	130	35,528	105	16,446
Quebec	23	2,669	27	3,759	25	4,880	46	4,200	34	2,620
Ontario	62	5,095	45	3,259	41	4,917	44	2,662	34	3,684
Prince Edward Island	12	1,412	12	1,503	12	2,008	5	1,000	9	967
British Columbia	18	448	12	840	15	876	41	2,364	46	2,887
Manitoba	1	11	8	548	7	218	3	122	6	296
Yukon District										
	264	25,130	280	34,346	285	52,378	312	52,145	255	28,773
Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered										
Add new vessels which left Quebec for registration in Germany										
Total	264	25,130	280	34,346	285	52,378	312	52,145	255	28,773

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of Canada during the Year ended 31st December, in each Year, from 1874 to inclusive.

1879.		1880.		1881.		1882.		1883.		1884.		1885.		1886.		1887.	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
43	19,067	63	18,896	57	18,259	66	16,820	72	21,103	46	12,888	34	7,736	34	4,931	18	2,909
126	39,208	126	31,257	150	40,465	117	26,711	202	35,765	178	42,032	102	24,703	93	20,948	87	12,310
29	7,421	33	8,219	56	5,673	26	6,785	42	6,594	32	3,815	29	4,556	27	2,683	28	2,888
42	2,464	44	3,610	54	5,111	55	4,369	34	4,311	58	4,446	45	4,509	52	2,075	66	2,993
20	5,279	21	3,359	15	4,351	15	3,508	17	5,343	21	5,189	11	1,707	12	1,318	7	601
5	788	.....	.....	2	85	8	1,631	5	849	15	675	6	648	8	154	9	376
.....	.....	1	100	3	116	1	289	2	125	37	3,366	13	320	3	98	8	439
265	74,227	288	65,441	337	74,060	288	60,113	374	74,090	387	72,411	240	44,179	229	32,207	223	22,516
.....	.....	.....	.....	.....	.....	1	1,029	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....
265	74,227	288	65,441	337	74,060	289	61,142	374	74,090	387	72,411	240	44,179	229	32,207	223	22,516

1893.		1894.		1895.		1896.		1897.		1898.		1899.		1900.		1901.	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
119	2,819	40	2,534	27	714	24	627	33	1,738	31	790	31	798	22	762	25	1,141
111	15,089	128	8,721	89	4,762	97	7,704	54	4,259	67	4,962	92	7,594	117	9,416	133	14,660
53	4,220	55	4,412	49	4,335	36	3,969	49	4,227	51	4,139	35	5,943	50	4,301	43	7,421
49	4,126	64	3,137	52	3,732	38	1,757	50	3,850	46	1,872	52	3,419	58	3,734	62	2,665
3	634	3	183	1	196	3	111	3	226	5	372	3	56	3	106	6	589
19	944	25	1,900	18	1,709	22	1,466	26	2,429	72	12,228	51	2,734	43	3,837	62	7,728
8	608	11	356	14	822	7	512	16	365	6	159	13	554	3	109	3	112
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	61	1	165
362	28,440	326	21,243	250	16,270	227	16,146	231	17,094	278	24,522	277	21,098	297	22,326	335	34,481
.....
.....
362	28,440	326	21,243	250	16,270	227	16,146	231	17,094	278	24,522	277	21,098	297	22,326	335	34,481

STATEMENT showing the Tonnage of each of the Maritime States of the World compiled from the Répertoire Général for 1901-1902.

Nationality.	Steam- ers.	Gross Tonnage of Steamers.	Net Tonnage of Steamers.	Sailing Vessels.	Net Tonnage of Sailing Vessels.	Total Net Tonnage.
British, including Canada and the Colonies.	7,902	12,847,436	7,944,095	7,310	2,360,248	10,304,338
American	794	1,376,254	916,753	3,820	1,402,123	2,318,876
German	1,350	2,463,416	1,561,078	1,210	545,807	2,106,885
Norwegian	866	794,337	507,158	2,047	885,938	1,393,096
French	850	1,123,429	547,895	1,745	413,364	961,259
Italian	351	674,673	435,426	1,550	511,653	947,079
Canadian (664,483)						
Russian	659	565,533	347,375	2,713	503,320	850,695
Spanish	489	745,274	459,793	623	101,875	561,668
Swedish	672	439,430	314,572	1,656	293,290	607,862
Dutch	318	514,493	330,132	686	121,817	451,949
Danish	377	440,882	256,631	889	131,096	387,727
Grecian	150	221,143	139,187	928	181,610	320,797
Japanese	511	539,743	338,354	1,524	171,821	510,175
Turkish	107	110,116	58,861	917	176,931	235,792
Austrian	243	473,652	294,960	123	27,934	322,894
Brazilian	228	144,343	91,465	345	77,052	168,517
Chilian	50	64,136	39,243	94	43,698	82,941
Belgian	164	177,427	121,684	9	2,445	124,129
Portuguese	44	47,727	29,443	242	56,719	86,162
Argentine	101	62,997	38,770	152	38,112	76,882
Hawaiian				9	2,049	2,049
Peruvian	5	6,377	4,253	55	23,129	27,382
Chinese	27	30,773	17,788	13	1,753	19,541
Uruguay	25	13,398	10,037	62	19,983	30,020
Roumanian	28	24,981	14,757	24	4,354	19,111
Egyptian	9	5,666	3,530	6	1,481	5,011
Mexican	24	13,306	7,957	48	8,761	16,718
Nicaragua	2	783	420	18	10,032	10,452
Guatemala				13	2,330	2,330
Siamese	4	1,260	697	12	4,088	4,785
Venezuelan	10	3,821	2,043	17	2,590	4,633
Arabian				5	4,281	4,281
Haytian	5	2,122	893	12	1,948	2,841
Montenegrin	1	60	30	16	3,647	3,677
Colombian	1	881	457	5	1,118	1,575
Zanzibar	2	2,478	1,656			1,656
Persian	1	838	579	1	608	1,187
Bolivian				2	1,527	1,527
Bulgarian	2	1,977	1,295	2	182	1,477
San Domingo				9	1,479	1,479
Corean	3	1,545	1,168			1,168
Costa Rica	3	1,120	686	2	551	1,237
Sarawak	2	700	439	1	347	786
Liberian	2			3	916	916
Ecuador				1	257	257
Tunisian	1	75	11	3	565	576
San Salvador				3	514	514
Borneo	1	363	235			235
Paraguay	1	282	232			232
Servian	1	264	112			112
Honduras	3	1,920	1,185	2	199	1,384
Cuban	40	32,228	20,584	132	12,240	32,824
Unknown	27	19,268	11,926	61	11,681	23,607
Colorada				1	354	354
Total	16,454	23,982,927	14,875,845	29,121	8,169,812	23,045,657

APPENDIX No. 2.

TORONTO HARBOUR COMMISSIONERS' REPORT FOR THE YEAR 1901.

SECRETARY of the Toronto Harbour Trust in account with the Commissioners for the
year ending December 31, 1901.

DR.	GENERAL BALANCE SHEET.		CR.
	\$ cts.		\$ cts.
Wharf property	43,073 72	Profit and loss.....	58,785 13
Office furniture.....	591 91		
C. P. & W.C. Mortg. Co. Bonds.	9,000 00		
Cash on dep. in bank.....	6,106 79		
Cash on hand	12 71		
	58,785 13		58,785 13

We have examined the books and vouchers and have compared the balance sheet, as above, with the said books and vouchers, and we certify the same to be correct, and to represent a true statement of the affairs of the Trust at this date, December 31, 1901.

W. R. HARRIS,
S. BRUCE HARMAN,
Auditors.

ARTHUR B. LEE, *Chairman.*
JAS. T. MATTHEWS,
A. E. KEMP,
W. L. BELL,
FRED. H. RICHARDSON,
Commissioners.

COLIN W. POSTLETHWAITE,
Harbour Master.

TORONTO, January 1, 1902.

1-2 EDWARD VII., A. 1902 .

RECEIPTS and Expenditure of the Toronto Harbour Trust for the year 1901.

RECEIPTS.	\$ cts.	EXPENDITURE.	\$ cts.
Cash in bank January 1.....	10,423 91	Charges.....	322 00
" on hand " 1.	16 20	Salaries.....	2,000 00
Canadian Pacific Railway.....	4,000 00	Lights, buoys and beacons....	113 72
Harbour dues.....	6,840 96	Repairs.....	2,835 92
City of Toronto, placing buoys....	66 67	Printing and stationery....	54 14
Rent boat-house sites.....	7 00	Dredging.....	4,741 84
Sale of old material.....	113 10	Office expenses and rent..	671 26
Fines.....	80 00	Debenture	5,000 00
Interest on deposit account.....	208 75	Engineer's fees.....	55 00
Premium and interest account.....	226 18	Solicitor's fees.....	20 00
		Flag for Q wharf.....	16 64
		Fines refunded.....	30 00
		Notice—dumping earth.....	2 75
		Cash in bank.....	6,106 79
		" on hand.....	12 71
	21,982 77		21,982 77

Examined and found correct,

W. R. HARRIS,
S. BRUCE HARMAN,
Auditors.

TORONTO, January 1, 1902.

GOODS arrived per Steamer and Sailing Vessels for the years 1900 and 1901.

Description of Goods.	1900.	1901.
General merchandise	20,294	24,949
Coal.....	164,806	183,831
Wood	1,283	
Lake stone.....	2,490	2,595
Fruit in packages.....	5,285	1,795
"	4,709	7,122
"	508,729	392,267
"	725	821
Fire bricks.....	473,700	46,600
Sheep, hogs and calves	155	
Horses, cattle and vehicles.....	122	93
Oil in bulk.....	25,000	23,783
Ice.....	2,518	6,777

COLIN W. POSTLETHWAITE,
Harbour Master.

FIFTY-FIRST ANNUAL REPORT.

To the Commissioners of the Harbour of Toronto :

GENTLEMEN,—I have the honour to submit my report for the year 1901.

The harbour was clear of ice on the 5th April, having been closed to navigation for 113 days, which is about the average period.

The harbour froze over on the 6th December, and it is still solid.

The first arrival this season was the stone-hooker *Swallow*, Captain Stephen Peer, on the 12th March, with stone from Port Credit. The last vessel to arrive was the ss. *Lakeside*, Captain Wygle, on the 12th December, with passengers and cargo from St. Catharines.

The number of vessels which arrived in this port during the season of 1901 is 3,490, being an increase of 21 over 1900.

	1900.	1901.	Increase.	Decrease.	Tonnage.	
					1900.	1901.
Propellers, loaded.....	457	464	7	...	127,382	198,270
" light.....	33	42	9	...	909,932	926,477
Steamers, loaded.....	2,244	2,248	4	...	72,470	78,840
" light.....	2	11	9	...	3,469	3,490
Vessels, loaded..	724	713	...	11	1,109,784	1,203,593
" light.....	9	12	3	...		
	3,469	3,490	32	11		

The cash receipts from all sources, including cash on hand from last year, amount to \$21,982.77.

Expenditures of all kinds amount to \$15,863.26, leaving a cash balance of \$6,119.51.

Coal receipts by vessel for the season are as below, viz, anthracite coal 155,009 tons, bituminous coal 28,822 tons, in all 183,831 tons, being an increase of 19,025 tons over last year. There was a strike at the mines in October, 1900, which may account for the increase this year.

The total amount of coal imported into Toronto during the year, according to Government returns, is as below, viz., anthracite coal 1,421,488 tons, bituminous coal 364,580 tons, total 786,069 tons as against 761,610 tons in 1900.

Prior to the opening of navigation the Commissioners saw their way toward making a material reduction in the tolls. This reduction amounted to 42.84 per centum of last year's schedule. The consequent falling-off in the revenue was only 36.58 per centum of the receipts of last year, showing, I think, a very healthy condition in the shipping trade.

This has been far from a good fruit season. The number of packages imported by water is 402,448 in 1901 as against 519,540 in 1900, a falling-off of 117,092 packages.

The dredging in the harbour was comparatively light this year, there being no spring freshet in the river Don this season; another instance, were one required, of the mischief done to the harbour by the debris flowing down this river. This is the second time in 17 years that we have escaped a spring freshet in the Don.

A considerable quantity of dredging, however, was done at the entrance to the Queen's Wharf channel, and this approach was still further improved by the removal of the White lighthouse to the western end of the dock, thus altering the Range Course into deeper water.

The highest water for the year was 12 inches above zero, on the 25th June; the lowest water was 15 inches below zero, on the 10th December. The average for the year was $\frac{3}{4}$ inch below zero, being $2\frac{1}{2}$ inches below the average of 1900.

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The lamps were lighted for the first time on April 3, and they were discontinued on December 3.

The buoys were placed out on April 17, and taken up on November 27.

There are 75 vessels wintering in this port this year, viz., 18 propellers, 9 side-wheelers, 18 sailing vessels, 9 steam ferries, 14 yachts, 8 steam launches, 4 steam tugs, also 5 dredges with their scows, representing in all 13,706 tons register.

The Island fog horn was sounded 38 times during the season, viz., in April, 4 times; in May, 17 times; in June, thrice; in July, twice; in August, 4 times; in September, thrice; in October, twice; in November, once, and in December, twice.

The Government engineer, Major Henry A. Gray, reports as follows: 'On the 10th February, 1901, a contract was let to Messrs. M. Magann & Phin for an extension of the west pier of the Eastern Channel, for a length of 800 feet, 600 feet of the work has been completed, and the other 200 feet at the outer end merely requires a superstructure to be placed upon it, which will be done as soon as the weather will permit in the spring of the ensuing year.

"Dredging has been carried on in the Eastern Channel, and a minimum depth of 14½ feet was found to exist from the lake into the harbour, when soundings were taken at the close of the present season."

The Government suction dredge, recently built in this city for the Public Works Department was engaged for a short time in the eastern part of the harbour, by order of the Hon. the Minister.

Repairs to the crib-work on the east side of the roadway leading to the Queen's Wharf, were completed on the 14th January, according to contract, at a total cost of \$2,550.50.

The precipitation for the year, per information furnished by Mr. R. F. Stupart, Director of the Meteorological Observatory, is as follows, viz.: Rain, 25.200 inches; snow reduced to water, 7.07; total, 32.270 inches, about 3 inches more than last year.

I am, gentlemen,
Your obedient servant,

COLIN W. POSTLETHWAITE,
Harbour Master.

TORONTO HARBOUR WORKS,

TORONTO, January 9, 1902.

SIR,—I have the honour to report that the following quantities of dredging were done at the wharfs and slips, and at the range course of the Western Channel, by Messrs. McNamee & Simpson, at the rate of 10 cents a cubic yard for the wharfs and slips, and 15 cents at the Western Channel. The material dredged was dumped in 100 feet of water, as required by the Board of Health.

	Cubic yards.
Medlar & Arnot's Wharf.....	1,692
Elias Rogers Co.'s Wharf and entrance.....	7,856
Princess Street Slip.....	3,582
Conger Coal Co.'s Wharf..	899
Western Channel, range course.....	18,961
Total.....	32,990

The Range Course was dredged 120 feet in width, to 14 feet of water, but during the ensuing season it should be dredged 80 feet more in width, making a total of 200 feet, which has been maintained for several years.

The White Lighthouse indicating the direction of the range course when in line with Red Lighthouse, was moved about 30 feet to the north-west corner of the Queen's Wharf, the new bearing being north 29° 30" east. This change was made to avoid dredging on the north-west point of the shoal, which has extended 400 feet in ten years and is steadily increasing. The present lake level is $5\frac{1}{2}$ inches below the zero gauge.

The deposit from the Bathurst Street and Garrison Creek sewers has increased to such an extent, that the soundings show only $7\frac{1}{2}$, 8 and 9 feet of water in the centre of the channel, south of the Deputy Harbour Master's house, and vessels entering the harbour have to keep close to the breakwater to ensure from 11 to 13 feet of water. This deposit should be dredged at the expense of the city. I would call the attention of the Board to a clause in the report of the city engineer, on the disposal of the city sewage, page 33, which clearly shows that the construction of the trunk sewer cannot be longer delayed: 'It may be of interest to point out that at present we are discharging into the Bay and its vicinity about 25 tons of mineral and 20 tons of organic matter per day, which is equal to about 6,500 cubic yards of solid matter per annum.' On looking over the measuring flow of sewage as it appears in the city engineer's report for 1900, page 30, which was carefully taken in detail for each sewer, the average of imperial gallons per day is stated to be 20,745,473, which, as above stated, deposits yearly 6,500 cubic yards. This is the dry weather flow, and does not include the discharge by the River Don, which averages about 12,000 cubic yards per annum. This deposit of course would be avoided if the River Don was diverted.

I remain,

Your obedient servant,

A. B. LEE, Esq.,
Chairman Toronto Harbour Commissioners.

KIVAS TULLY,
Engineer.

APPENDIX No. 3

QUEBEC HARBOUR COMMISSIONERS' REPORT FOR THE YEAR ENDED
DECEMBER 31, 1901.

(Under the Quebec Harbour Commissioners' Act, 1889.)

QUEBEC, January 2, 1902.

To the Honourable JAMES SUTHERLAND, M.P.,
Acting Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with the requirements of the Act 62-63 Victoria, chapter 34, (The Quebec Harbour Commissioners' Act, 1889), I have the honour to report as follows on the doings of the Quebec Harbour Commissioners for the year 1901.

CHIEF ENGINEER'S REPORT.

The annexed report, (marked 'A'), from the Chief Engineer, Mr. St. Geo. Boswell, conveys information in regard to all matters coming under his care, in connection with the harbour works, and the various additions and repairs made to them and to the other properties of the Commissioners during the year.

WHARFINGER'S REPORT.

The annexed report (marked 'B'), from the Wharfinger, Mr. Patrick Flynn, gives the usual information regarding the number of vessels using the Louise Docks, and the railway traffic over this portion of the Commissioners' property during the year 1901.

HARBOUR MASTER'S REPORT.

The annexed report (marked 'C'), from the Harbour Master, Mr. James C. Sullivan, gives information in regard to the opening and closing of navigation in the harbour, formation of ice, disposal of ballast, &c. During the past season no ballast was allowed to be dumped into the river, all that was brought here being utilized in the Commissioners' works.

LEASED PREMISES.

Renewals for one year of the premises leased have been given to Messrs. E. M. Lennon & Co., stores Nos. 7 and 8; John S. Thom, store No. 10; Quebec Coal Company, Reynar's wharf; A. R. Pruneau & Co., Marmette's wharf; Whitehead & Turner, shed on Wellington wharf; Joseph Gingras, East India wharf and store No. 5; G. M. Webster & Co., coal spaces on Embankment; J. C. O'Donnell, Ferd. Drouin, Julien Lapointe and A. E. Clint for their wood lots on the embankment.

The river front of Atkinson's wharf has been leased to Mr. W. Paul, jr., for the use of Str. *Préfontaine* for three years, and the coal bins on the pond side of this wharf for one year to Messrs. Benson & Borland.

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Store No. 11, formerly occupied by Mr. Wm. Carrier, has been leased to Messrs. F. T. Thomas & Co., and store No. 4 and salt store No. 6 to Messrs. T. Davidson & Co. Of the stores and wharfs that the Commissioners are accustomed to lease, none were unoccupied during 1901.

GREAT NORTHERN RAILWAY COMPANY AND GREAT NORTHERN ELEVATOR COMPANY.

Under the provisions of the Act 62-63 Victoria, chapter 35, the Commissioners agreed to guarantee the interest for twenty years at three per cent per annum on special bonds known as Quebec Grain Elevator Bonds, to be issued by the railway company to defray the cost of the grain elevator to the extent of \$200,000.

Application having been made by the Great Northern Railway Company to change this guarantee from three per cent on \$200,000 to two per cent on \$300,000, the Commissioners agreed to same, and under the powers conferred upon them by the Act of the Parliament of Canada, 1 Edward VII., chapter 10, have guaranteed the interest at the rate of two per cent per annum for a period of twenty years on \$300,000 of Quebec Grain Elevator Bonds.

The Great Northern Railway Company having, under the provisions of clause 8 of the Act 62-63 Victoria, chapter 35, and of clause 3 of the Act 63-64 Victoria, chapter 117, transferred their rights in the Commissioners' guarantee to the Great Northern Elevator Company. This transfer was accepted by the Commissioners by resolution passed at their meeting of the 19th of September last.

SHIPMENTS EX-LEYLAND LINE.

The Leyland Line of steamers running in connection with the Great Northern Railway Company have loaded here eighteen full cargoes of grain and other general produce during the season 1901. Details of these shipments will be found in the Wharfinger's report.

We are further informed that the Great Northern Railway Company intend to very much increase their shipments during the incoming season, and to extend the conveyer galleries of their grain elevator to the river frontage of the Pointe-à-Carcy wharf, thus enabling them to use it to a much fuller extent and to load grain into three vessels at the same time.

NEW WORKS AND WORKS UNDER CONSTRUCTION.

The principal new work commenced in 1901 was the building of a large freight shed on the Louise Embankment. This freight shed was completed in the fall of 1901 at a cost of \$34,669.44. Details as to this shed and other works of the Commissioners will be found in the Chief Engineer's report.

REPAIRS TO PROPERTY.

Careful attention has been paid during the year to the various properties of the Commissioners to maintain them and keep them in a first class condition. In this connection considerable work has been done to the stores Nos. 13 and 14, Cross Wall; store No. 4, East India wharf; store No. 8, Wellington wharf; and Atkinson's wharf. See Chief Engineer's report for particulars.

BY-LAWS.

The Commissioners' by-laws, which they had thoroughly revised during the winter of 1901, were adopted at a special meeting held on the 16th of April last, and forwarded on the 8th of May following to the Department of Marine and Fisheries, Ottawa, to receive the approval of His Excellency the Governor General in Council.

1-2 EDWARD VII.. A. 1902

VISIT OF DELEGATION OF MEMBERS OF THE SENATE AND HOUSE OF COMMONS, OTTAWA,
TO INSPECT THE HARBOUR OF QUEBEC AND ITS IMPROVEMENTS.

Just previous to the closing of the Houses in May last (the discussions in the Commons in regard to the transportation facilities having aroused a good deal of interest), a number of members expressed a wish to visit and inspect the harbour of Quebec and the facilities that it could afford. Through the kind efforts of the Solicitor General, the Honourable Chs. Fitzpatrick, the matter was arranged, and on Saturday, the 11th of May, at 1 p.m., our distinguished visitors comprising over 150 Senators and Members of the House of Commons, arrived on the Louise Embankment by a special train kindly placed at their disposal by the Canadian Pacific Railway Company.

After examining the Commissioners' docks landing sheds, the Great Northern elevator, &c., the party took the steamers *Pilot* and *La Canadienne* and made a tour of the harbour, landing and examining the Quebec bridge works and site, returning to town in carriages. At the banquet in the evening, our visitors expressed themselves as delighted with what they had seen, and highly impressed with the facilities and advantages offered by the harbour of Quebec.

During their return trip the party were taken in charge by the Great Northern Railway Company and visited the great works now in operation at Shawenigan Falls.

During their stay in Quebec, our distinguished visitors were the guests of the City, the Board of Trade and the Quebec Harbour Commissioners.

The Commissioners desire to express their sense of the obligation that they are under to the Honourable the Solicitor General in thus enabling them to place before our legislators from all parts of the Dominion in such a practical manner the advantages and facilities for development that are in the Harbour of Quebec.

ELECTION BY SHIPPING INTEREST AND BOARDS OF TRADE.

At the meeting of the Commissioners held on the 12th of August, certificates were received from the Shipping Interest, informing that the Honourable John Sharples, M.L.C., and Felix Carbray, Esq., had been elected as their representatives on the Commission for the ensuing term of three years.

On the same date (12th August) letters were received from the Secretary of the Board of Trade, Quebec, that the Honourable R. R. Dobell, M.P., P.C., had been elected as their representative on the Commission for the ensuing term of three years, and from the Secretary of the Board of Trade, Lévis, stating that Etienne Dussault, Esq., had been elected as their representative on the Commission for the same period.

The composition of the Board is now as follows: J. B. Laliberté, Chairman, Narcisse Rioux, Honourable R. R. Dobell, M.P., P.C., W. M. Macpherson, Honourable John Sharples, M.L.C., Dosithé Arcand, Félix Carbray, Harold Kennedy and Etienne Dussault.

COMPARATIVE MERITS OF THE NORTH AND SOUTH CHANNELS OF THE RIVER ST. LAWRENCE.

On the 17th May, at the request of the Hon. Mr. Dobell, a special meeting was held to inquire into the comparative merits of the North and South channels, supposing the first named was properly dredged so as to render it available. At this meeting, the following gentlemen were examined on this subject:

- L. E. Morin, Esq., President of the Corporation of Pilots,
- J. U. Gregory, Esq., agent, Department of Marine and Fisheries, Quebec.
- Capt. Rioux, of the R. & O. Navigation Company.
- Capt. Koenig, of the Department of Marine and Fisheries.
- Capt. Garrod, of the ss. *Simonsides*.
- C. Auger, President of the committee of Montreal Pilots,
- Pilot Jos. S. Brown.
- Pilot Corriveau.
- Mr. Thos. Harling, Manager, Leyland Line.

SESSIONAL PAPER No. 23

WINTER NAVIGATION.

At the meeting of the Quebec Harbour Commissioners, held on the 4th of March, the following resolution was passed relating to winter navigation, and a copy of it forwarded to the Honourable Sir Louis H. Davies, M.P., the then Minister of Marine and Fisheries.

Resolved: That the Quebec Harbour Commissioners, after a careful inquiry into the feasibility of establishing winter navigation in the Gulf and River St. Lawrence, during which inquiry they obtained the opinions and experience of a number of the best pilots and master mariners plying in the Lower St. Lawrence, are fully convinced that the Gulf and River St. Lawrence can be safely navigated during the winter months by first-class iron or steel steamers and such additional and necessary improvements being made to the lights of the Lower St. Lawrence as would be required for such a winter service.'

On the 24th of September, the Chairman sent the following letter to the Right Honourable the Premier on the same subject:

‘QUEBEC, September 24, 1901.

‘Right Honourable

‘Sir WILFRID LAURIER,

‘Premier,

‘Ottawa.

‘DEAR SIR,—The Quebec Harbour Commissioners had before them at their last meeting the question of winter navigation of the St. Lawrence River, and they then expressed the opinion that, from all the information they had gathered, such winter navigation was perfectly feasible, and requested me to write to you and to strongly urge upon you the advisability of your Government taking some practical steps to put the matter to a test.

‘The Commissioners have given the question a good deal of thought, they have had the opinion of a number of the pilots and have also examined a number of skilled navigators of the Lower St. Lawrence, and the consensus of the opinions thus received have been in favour of the feasibility of this winter navigation.

‘The Commissioners have also requested me to urge upon you the necessity of constructing at once the second permanent pier in the Traverse, in the general interests and safety of the St. Lawrence route, and as an absolute necessity for winter navigation.

‘I am, sir,

‘Your most obedient servant,

‘(Signed) J. B. LALIBERTÉ,

‘Chairman.’

CANADIAN ELECTRIC LIGHT CO.

Permission has been given to the Canadian Electric Light Company to lay their cables in the Clear Water Space, the conditions for this being the same as those imposed on the Bell Telephone Company and the Great North-western Telegraph Company for a similar permission.

REVENUE AND EXPENDITURE.

The revenue of the Commissioners for the year 1901 has been \$83,669.09, an increase of \$1,686.57 over that of 1900, and the expenditure (including the interest on

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\$350,000 of First Preference Bonds) \$61,417.19, leaving a surplus, which includes the \$13,845.48 charged to the Department of the Interior for the ground occupied for immigration purposes, of \$22,251.90.

ACTING CHAIRMAN.

During the absence in Europe of the Chairman (Mr. J. B. Laliberté), Mr. Narcisse Rioux was the presiding officer, having been unanimously elected by the Board as Acting Chairman.

ICE CUTTING.

During the winter of 1900-1901, 45,177 blocks of ice have been cut for local use.

Care has been taken that all this ice cut for domestic purposes is perfectly pure and taken from localities in the harbour that have been selected after an analysis of the ice had been made.

DEATH OF HER MAJESTY QUEEN VICTORIA.

Shortly after the year opened, in common with her subjects throughout the Dominion, the Commissioners were saddened by the reception of the news of the death of our late Beloved and Sovereign Lady, Her Most Gracious Majesty Queen Victoria. Suitable resolutions of condolence were passed and forwarded through His Excellency the Governor General to our Sovereign Lord and King, His Most Gracious and Imperial Majesty King Edward VII.

To this report are annexed the various statements conveying the information yearly forwarded to your department in connection with the harbour, as also a complete statement of the Commissioners' account for the year.

I have the honour to be, sir,

Your most obedient servant,

JAS. WOODS,
Secretary-Treasurer.

SESSIONAL PAPER No. 23

A.

HARBOUR ENGINEER'S OFFICE,

QUEBEC, January 2, 1902.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission, Quebec.

SIR,—I have the honour to submit, herewith, the following reference to the various works in connection with the maintenance and improvement of the harbour of Quebec, executed during the year 1901.

NEW WORK.

A freight shed, 800 feet long by 80 feet wide, has been constructed on the Embankment Quay Wall of the Tidal harbour. This building is a wooden frame structure covered with galvanized iron. The work of construction was begun during the first week of March last, and the building was completed ready for use during the first week in August. In order to prepare the site for this shed, the then existing railway tracks on this part of the Embankment had to be removed, and new lines to replace them laid down between the shed site and the Embankment roadway. The railway lines are now so arranged that 21 cars can be placed along the river front and 21 cars along the inshore front of the building, thus allowing of the simultaneous loading or unloading of 42 cars. This shed is provided with electric lights throughout, there being 176 incandescent lamps of 32 c.p. each within the building, and 11 inclosed arc lamps along the Basin front.

During the winter of 1900-1901, a contract was entered into with the Slade Electric Company for the work of installing 150 incandescent 16 c.p. lamps and 6 inclosed arc lamps in the freight shed No. 19 on South Quay Wall of Tidal harbour; eighty incandescent and four inclosed arc lamps in Breakwater shed No. 18; thirty-nine incandescent and three arcs in Cross Wall shed No. 13; and forty-nine incandescent and three arc lamps in Cross Wall shed No. 14.

The installing of the electric lights as above was completed last April and the service has proved of great utility, as work can now be carried on as expeditiously during the night as during the day.

The back-filling for the coal berth at the western end of the Wet Dock has been completed, and a coal platform has been laid down, extending 100 feet in from the quay front. To provide the space required for this coal platform, the planked roadway communicating with Ramsay street has been removed and replaced by a new roadway situated more to the westward.

The dipper dredge loaned to the Commission by the Department of Public Works has been employed during the past season in deepening the western end of the Wet Dock, off the new coal pier, to 15 feet below low water. Sufficient of this work has now been done to enable vessels drawing 25 feet of water to make use of this berth at the time of the minimum depth of water in Wet Dock.

The two Cross Wall sheds Nos. 13 and 14, with the landing platform between them, have been raised up and the foundations and flooring renewed and solidly packed. The projecting eaves on the Dock face of these buildings have been removed, as they were found to interfere with the loading and unloading of the larger class of vessels.

GENERAL.

The usual repairs and renewals to the railway tracks, buildings, &c., on the Embankment and Cross Wall, required to maintain the property in good condition, have been effected.

A deck-scow, measuring 60 by 25 feet, was constructed during the winter of 1900-1901 and has been used during the past season in conjunction with the Government and Commissioners' dredges.

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The Commissioners' dredge has been employed during the past season in dredging in the Tidal Harbour and Wet Dock.

The railway tracks on the Pointe-à-Carcy wharf have been reballasted and maintained in good condition, and passenger, freight and car gang-ways have been provided for the freight shed No. 19.

The roadway on this wharf has received a coating of macadam stone, the material having been prepared during the winter.

Extensive repairs have been made to the Q. H. C. stone building No. 4, in order to prepare it for occupancy by Messrs. Davidson & Sons; the work consisting essentially of the construction of offices and sample rooms on the first floor, providing a fire-proof vault, remodelling the plumbing, constructing a yard and planking the alley-way, and generally putting building and surroundings into good condition.

A new galvanized iron roofing has been placed on store No. 8, the exposed portions of chimneys have been rebuilt and the masonry repointed and repaired. The buildings Nos. 10, 11, 3 and 7 have been painted and minor repairs have been made to the buildings Nos. 3, 6, 8 and 9. Fenders and surface planking have been renewed on the Wellington, East India, Atkinson and Reynar wharfs, and a considerable portion of the surface of Marmette's wharf has been newly planked.

The Cross Wall drawbridge was operated for the first time the past season on April 8, and for the last time on December 3.

The entrance gates to the Wet Dock were shut for the first time on May 1, and remained in operation until November 25.

I have the honour to be, sir,

Your obedient servant,

ST. GEORGE BOSWELL,
Chief Engineer.

B.

HARBOUR COMMISSIONERS' OFFICE,

QUEBEC, January 2, 1902.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission, Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles Docks and wharfs.

During the past season sixty-one (61) ocean mail steamers of two hundred and twenty-eight thousand one hundred and thirty tons (228,130) register used the docks for landing immigrants, baggage, &c., and eight hundred and ten (810) tons of western freight.

Ninety one (91) steamships of two hundred and seventy-eight thousand one hundred and forty-one (278,141) tons register landed twelve thousand eight hundred and twenty-nine (12,829) tons of general freight.

Forty-eight (48) steamships of one hundred and forty-three thousand and nine (143,009) tons register landed four thousand four hundred and eight (4,408) tons of salt and four thousand one hundred and forty (4,140) tons of cement.

Seven (7) sailing vessels of two thousand and forty-six (2,046) tons register landed two thousand three hundred and fifty-one (2,351) tons of molasses.

Twenty-four (24) ferry boats landed seven hundred and thirty (730) tons of general cargo from the different steamships.

Three (3) steamships of four thousand five hundred and fifty-six (4,556) tons register landed two thousand two hundred and fifty-three (2,253) tons of rails.

Thirty-two (32) steamships of thirty-five thousand four hundred and sixty-four (35,464) tons register landed seventy-eight thousand three hundred and twenty-five (78,325) tons of coal.

Ten (10) barges of ten thousand four hundred and fifty-three (10,453) tons register landed fourteen thousand four hundred and thirty-eight (14,438) tons of coal.

Five (5) Lower Port steamships of one thousand and fifty (1,050) tons register landed eight hundred and sixty-one (861) tons of coal.

One (1) sailing vessel of five hundred and seventy-five (575) tons register landed seven hundred and eighty-three (783) tons of coal.

One hundred and twenty-nine (129) American barges of twelve thousand nine hundred (12,900) tons register landed twenty-five thousand nine hundred and sixty-four (25,964) tons of hard coal.

One (1) steamship of two thousand three hundred and forty-nine (2,349) tons register landed five hundred and seventy-five (575) tons of coke coal and brick.

Forty-one (41) Lower Port steamships of nine thousand three hundred and four (9,304) tons register landed eight hundred and thirty (830) tons of general freight.

Twenty-seven (27) schooners of one thousand and seventy-five (1,075) tons register landed twenty-three thousand six hundred (23,600) railway ties.

Three (3) steamships of twelve thousand seven hundred and fifty-six (12,756) tons register loaded full cargoes of lumber.

Three (3) sailing vessels of one thousand four hundred and seventy-one (1,471) tons register loaded full cargoes of lumber.

Forty-one (41) steamships of ninety-two thousand four hundred and seventy-two (92,472) tons register loaded part cargoes of timber and lumber.

Thirteen (13) steamships of thirty-seven thousand four hundred and eighty-five (37,485) tons register, shipped three hundred and twenty (320) tons of shooks, two thousand one hundred and eighty-four (2,184) tons pulp, seven hundred and sixty-seven (767) tons asbestos, finishing with deals and timber.

One (1) of six thousand eight hundred and two (6,802) tons register loaded four hundred and ten (410) tons of cotton.

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Forty-one (41) Lower Port steamships of eleven thousand three hundred and four (11,304) tons register shipped thirteen hundred and sixty-one (1,361) tons of general cargo.

The Leyland Line Company (Limited) have shipped from the port of Quebec during season.

Eighteen (18) steamers of fifty-five thousand four hundred and fifty-three (55,453) tons register have shipped one hundred and twenty-nine thousand six hundred and fifty-eight (129,658) bushels of corn.

One million one hundred and eighty-four thousand three hundred and thirteen (1,184,313) bushels of wheat.

Two hundred and seventy-eight thousand two hundred and thirty-two (278,232) bushels of oats.

Eight thousand four hundred and forty-eight Peterborough standard of deals (8,448).

Sixty-four thousand two hundred and twenty-nine (64,229) bushels of wet pulp.

Sixty-three thousand six hundred and nineteen (63,619) sacks flour.

One thousand four hundred and thirty-two (1,432) cases splints.

Fourteen thousand six hundred and thirty-eight (14,638) boxes of cheese.

Fifty five thousand two hundred and thirty-two (55,232) packages of lard.

Sixteen thousand two hundred and twelve (16,212) bags of asbestos fibre.

Four thousand one hundred and fifty-nine (4,159) bags of crude asbestos.

Forty-eight thousand two hundred and ninety-two (48,292) bales of C. stocks.

Fifty-four thousand eight hundred and nineteen (54,819) pcs. of chair stocks.

Two hundred and eighty (280) tierces of lard.

Four hundred and twenty (420) tierces of oil.

Three thousand (3,000) cases of canned meat.

Two hundred and thirty (230) packages of radiators.

Twenty-seven thousand three hundred and three (27,303) bales of cut hay.

Thirty six thousand four hundred and ninety-seven (36,497) bales of long hay.

Two hundred and twenty-five (2,025) bags of chair stocks.

One thousand eight hundred and seventy-three (1,873) rolls of paper.

Two thousand eight hundred and fifty-three (2,853) rolls of W. paper.

Four thousand two hundred and eighty-two (4,282) boxes of butter.

Two hundred and sixty-five (265) cases of eggs.

Three thousand one hundred and seventy-six (3,176) head of cattle.

Four hundred and fifty (450) head of sheep.

Seven thousand three hundred and forty-five (7,345) quarters of fresh beef.

One hundred and fifty (150) tons of beef.

One thousand one hundred (1,100) bags of bran.

Eight hundred and ninety (890) cases of wax.

Three thousand nine hundred and ninety nine (3,999) bags of sugar.

Five hundred and thirty-four (534) bags of sundries.

VESSELS IN DISTRESS USING THE DOCKS.

Sailing vessel *Anna Camp* wintered in the Louise Basin and in the spring discharged a part of her cargo, repaired in the Louise Basin, reloaded and proceeded to sea.

SS. *Zanzibar* having touched bottom at Matane on her way up was placed in the basin for survey, when found to be all right, and proceeded to Montreal.

SS. *Manchester Corporation* on her outward trip from Montreal lost the blades of her propeller, came back to Louise Basin where she discharged a part of her cargo, and after repairing the damage, reloaded and proceeded to sea.

SS. *Tritonia* when coming down from Montreal touched bottom at St. Antoine, came into the Louise Basin for survey, and after discharging part of her cargo, repaired the damage done, reloaded her cargo and proceeded to sea.

SS. *Leander* when about five (5) miles below Montreal touched bottom, came into the Louise Basin for survey, when found to be all right proceeded to sea.

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SS. *Urania* grounded at Saguenay when loaded with lumber, came up to Louise Basin, discharged her cargo and went into graving dock for repairs, when the damage was repaired reloaded her cargo and proceeded to sea.

SS. *Alf* grounded at the Lower Traverse, came back to Louise Basin where she discharged a part of her cargo and proceeded to Halifax for repairs.

SS. *Montfort*, on her way from Montreal touched bottom at Grondines, came into the Louise Basin for survey, when found fit to proceeded to sea.

Brigantine *Blenheim* having been in collision with the ss. *Manchester City* came back to the Louise Basin, repaired, and proceeded to sea.

During the past season the different ocean mail steamers landed twenty-five thousand four hundred and sixty (25,460) steerage passengers at the immigration station, Louise Docks, who were forwarded to their future homes by Canadian Pacific Railway Company.

No record has been kept of cabin passengers.

The surface traffic has required the employment of eight thousand two hundred and fifty (8,250) cars, being an increase of twenty-five hundred and thirty-two (2,532) on previous year, four hundred and thirty-six (436) American barges and one hundred and thirty-two (132) schooners paid moorage.

There are wintering on the Louise dock, thirty thousand (30,000) Quebec standard of lumber besides coal, railway ties, square timber, &c.

There are stored in the different freight sheds salt, cement, flour, hay, &c., &c., which the owners are obliged to remove before the opening of navigation.

The docks are used from November 20 for wintering a large number of vessels of various tonnages, where they find safe quarters to the opening of navigation.

I have the honour to be sir,

Your obedient servant,

P. FLYNN,
Wharfinger.

1-2 EDWARD VII., A. 1902

C.

HARBOUR COMMISSIONERS' OFFICE,

QUEBEC, January 2, 1902.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following report with reference to the harbour for the year 1901.

Navigation was open in the harbour all winter.

Tug-boats were towing lighters lumber laden in the harbour on February 26.

Local navigation to the lower St. Lawrence was opened by the departure of the steam schooner *Diver* to the Gulf St. Lawrence and the Island of Anticosti on March 7.

Local navigation from the lower St. Lawrence was opened by the arrival of schooners *Marie Jeanne* and *Adelaide* on April 2.

The ice in the Tidal Basin and Wet Dock broke up on April 6.

Steam schooner *Marie Josephine* left the harbour for the Gulf St. Lawrence on April 9, with a full cargo.

Propeller *Charlevoix* left the harbour for the North shore, River St. Lawrence on April 12, with a full general cargo.

SS. *Savoy* left for the Island of Anticosti, Gulf St. Lawrence, on April 12, with a full general cargo.

Navigation from all parts of the Lower St. Lawrence was general on April 10.

Government revenue cutter ss. *Constance* left for the Gulf St. Lawrence on April 12.

The ice on the River St. Charles and North channel cleared on April 13.

Propeller *Charlevoix* arrived in the Harbour from the North Shore, River St. Lawrence, on April 14

Government ss. *La Canadienne* left for the lower St. Lawrence on buoy service on April 22.

Government ss. *Aberdeen* arrived in the harbour from Halifax on April 18.

The ice in the River St. Lawrence between Montreal and Quebec passed down on April 19.

SS. *Jacona*, first ocean steamer from Mediterranean ports with general cargo, arrived in the harbour on April 20.

SS *Lake Champlain*, the first ocean Royal Mail and passenger steamer, arrived in the harbour on April 26.

SS. *Carolina* first passenger and freight steamer of the Richelieu and Ontario Navigation Co., arrived in the harbour from Montreal on April 26.

SS. *Greetlands* the first ocean steamer coal laden for Quebec arrived on May 2.

All local pontoons were placed in the harbour on April 25.

SS. *Saguenay*, first passenger freight steamer of the Richelieu and Ontario Navigation Co., left for the Saguenay and way ports on the April 27.

SS. *Lake Champlain*, first ocean passenger steamer (outward), left the harbour on May 3.

Barkantine *Bahama*, first ocean sailing vessel, left the harbour with a full lumber cargo for sea on the May 9.

Barkantine *Blenheim*, the first ocean sailing vessel with general cargo, arrived in the harbour on June 3.

H.M.S. *Cresent*, *Pallas*, *Proserpine* and *Psyche* arrived and anchored in the harbour on September 5.

First class French cruiser *d'Estrée* arrived and anchored in the harbour on September 11.

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Royal yacht *Ophir*, escorted by H.M.S. *Diadem*, *Niobe*, *Indefatigable*, *Tribune* and *Quail* arrived and anchored in the harbour on September 16.

H.M.S. *Quail* berthed in the Louise Basin.

Four ballast (4) vessels discharged thirteen hundred and eighty (1,380) tons of ballast which was discharged into Government wharf at Levis.

The cost of obtaining this ballast was one hundred and twenty-five dollars and fifty cents (\$125.50) or about $9\frac{1}{8}$ cents per long ton.

No ballast was discharged into the harbour during the last season.

In addition to the routine work on the harbour and office, two hundred and eighty-nine (289), ocean sea going steamers have been berthed in the Louise Docks breakwater, and at Point-à-Carcy wharfs.

Fourteen (14) ocean sea going sailing vessels have been berthed at the same wharfs.

These docks and wharfs have also accommodated a large number of coal barges, steam barges passenger boats, &c.

The harbour regulations have been distributed to all vessels using the harbour during the season of navigation and the carrying out of their provisions attended to.

The limits of the clear water space opposite the city are indicated at night by red lights and in day time by sign-boards.

The last sailing vessel, barque *Electra* left the harbour for sea with a full lumber cargo on October 24.

The last ocean Royal Mail ss. *Corinthian* left the harbour on November 17.

The ss. *Saguenay* of the Richelieu and Ontario Navigation Company, made her last trip from the Saguenay with passengers and freight on November 17.

SS. *Quebec* of the Richelieu and Ontario Navigation Company, made her last trip between Quebec and Montreal with passengers and freight on November 24.

SS. *Mexican*, last ocean freight steamer, arrived in the harbour to load a full general cargo on November 23.

SS. *Mexican*, Capt. Fred. Parkin, left the harbour on November 27, with a full general cargo for London, England.

The ice in the Wet Dock formed on December 2.

The last ocean freight steamers, ss. *Alf* and ss. *Agnar*, left the harbour for sea on December 2.

SS. *Greetlands* entered winter quarters in the Tidal Dock on December 6.

The ice in the Tidal Basin formed on December 7.

The ice in the St. Charles River formed on December 16. The ice in the North channel connecting the island of Orleans with the North Shore formed on December 23.

Notice has been posted in suitable localities warning parties from discharging rubbish of any kind into the harbour, docks, &c., and every precaution is being taken to prevent any violation of the regulations of the Commissioners in that respect.

I have the honour to be, sir,
Your obedient servant,

JAS. C. SULLIVAN,
Harbour Master

CR.

REVENUE AND EXPENDITURE.

DR.

1901.	Dr.	Cr.
Dec. 31 To Tonnage dues.....	\$ 9,296 33	
Import ".....	4,872 86	
Export ".....	5,500 69	
Harbour ".....	2,164 25	
	21,834 13	
To Property Earnings St. Charles docks and wharfs, and wharfs and stores under lease.....	42,923 95	
Due by and charged to the Department of the Interior for ground occupied for immigration purposes.....	13,845 48	
To Interest Account.....		\$ 301 86
To Beach and Deep Water Lots.....		1,112 80
		1,414 66
		768 09
		2,535 00
		143 38
		169 61
		159 07
		436 00
		90 00
		75 00
		200 00
		94 05
		837 30
		130 45
		107 64
		100 00
		42 00
		55 00
		50 00
		60 00
		90 00
		1,255 19
		14,000 00
Dec. 31 By Officers' salaries including the engineering expenses and cost of superintending the works in course of construction.....		10,243 90
Schoolers reporters' salaries.....		380 25
Revision and codification of laws and by-laws		500 00
Legal expenditure.....		843 64
Notarial expenditure.....		247 44
Property expenditure, taxes, insurance and maintenance of Commissioners' docks, wharfs and stores.....		26,389 52
Dredging Expenses—		
Maintenance and repairs.....		301 86
Labour.....		1,112 80
Decorating and illuminating expenses on occasion of the visit of H. R. H. the Duke of Cornwall and York.....		
Commissioners.....		768 09
Harbour master's services.....		2,535 00
Hardware for general use.....		143 38
Stationery.....		169 61
Report and annexures.....		159 07
Lithograph plans for report of 1900.....		436 00
Contract removing snow.....		90 00
Auditors for 1900.....		75 00
Bell Telephone Company.....		200 00
Half cost of the reception to senators and members of the House of Commons to visit and inspect the harbour of Quebec and works.....		94 05
Book-binding accounts.....		
Quebec Gas Company.....		837 30
Ontario Press Association, vote for recep- tion.....		130 45
Six awnings.....		107 64
Harbour Master, St. Thomas.....		100 00
Secretary and book-keeper for guarantee policies.....		42 00
Twelve hundred copies of the Annals of the Port of Quebec.....		55 00
Printing, advertising and sundries.....		50 00
Twelve months' interest to the 1st of Janu- ary, 1902, on \$350,000 of first preference bonds at 4 per cent per annum.....		60 00
		90 00
		1,255 19
		14,000 00

Balance composed as follows : - Surplus of receipts from customs and earnings of docks, wharfs and stores, over working expenses, and interest on \$250,000 of bonds. Due by and charged to the Department of the Interior for rental of ground occu- pied for immigration purposes in 1901. .			8,406 42	22,251 90
			13,845 48	
	83,669 09			83,669 09

JAS. WOODS,
Secretary-Treasurer.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1901.

Anchors	264 38
Office furniture.....	3,723 33
Jackscrows.....	394 87
Steel rails on hand	2,411 30
Broken stone "	740 87
Timber "	38 00
Bills receivable.....	1,166 45
	<hr/>
	4,657,820 84

Memo—The arrears of interest on Government debentures is not included in this statement.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS, *Secretary-Treasurer.*

We hereby certify that we have examined the statement of assets and liabilities of the Quebec Harbour Commission for the year 1901, and we find same in all particulars the true position of the Trust at that date

QUEBEC, February 3, 1902.

ALEX. J. MESSERVY, *Auditors.*
L. A. BERGÉVIN,)

Dr.

CR.

BALANCE SHEET OF 31ST DECEMBER, 1901.

	\$	cts.	\$	cts.
To Office furniture.....			3,723	33
Amount at debit of grantees' beach and deep water lots.....			41,322	64
Amount at debit of sundries for rents and wharfage			15,884	06
Unsettled claims against the Dominion Government.....			223,183	51
St. Charles docks and wharfs.....			3,743,774	43
Wellington wharf.....			86,541	85
East India ".....			48,896	64
Atkinson's ".....			51,103	20
Grand Trunk ".....			15,740	32
Reynar's ".....			9,918	29
Harbour improvements, river front.....			177,187	96
New freight shed, Point-à-Carey.....			22,878	76
Louise Embankment, freight shed.....			34,669	14
New coal wharf, wet dock.....			44,895	25
Cash				
On hand.....	1,658	13		
In La Banque Nationale.....	111,134	56		
			112,792	69
Hopper barge.....	5,609	28		
Steam crane dredge.....	5,165	21		
			10,714	49
New deck scow.....			2,813	38
Pile driver.....			317	32
Steel rails.....			2,411	30
Broken stone.....			740	87
Jackscrows account.....			391	87
Anchor.....			264	38
Timber.....			38	00
Tools.....			3,360	14
Bills receivable.....			1,166	45
Suspense account.....			3,087	27
			4,657,820	84

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, 2nd January, 1902.

JAS. WOODS, *Secretary-Treasurer.*

We hereby certify that we have examined the books and vouchers of the Quebec Harbour Commissioners to the 31st December, 1901, and that this balance sheet is correct.

L. A. BERGEVIN, } *Auditors.*
ALEX. J. MESSERVEY, }

SESSIONAL PAPER No. 23

QUEBEC HARBOUR COMMISSION.

COMPARATIVE Statement of the Revenue of the Commissioners for the years 1900-1901.

	1900.	1901.	Difference in 1901.	
	\$ cts.	\$ cts.	\$ cts.	
Tonnage dues.....	11,350 53	9,296 33	2,054 20	Decrease.
Import ".....	4,789 28	4,872 86	83 58	Increase.
Export ".....	4,384 35	5,500 69	1,116 34	"
Harbour ".....	2,177 72	2,164 25	13 47	Decrease.
Receipts from docks, wharfs and stores.....	52,509 57	56,769 43	4,259 86	Increase.
Interest.....	5,663 83	3,862 77	1,701 06	Decrease.
Beach and deep water lots.....	1,190 24	1,202 76	12 52	Increase.
Sundries.....	17 00	.. . . .	17 00	Decrease.
	81,982 52	83,669 09	1,686 57	Increase.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS,
Secretary-Treasurer.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

EXPENDITURE ON CAPITAL ACCOUNT DURING THE YEAR 1901.

St. Charles docks and wharfs.....	\$ 2,669 75
New freight shed Pointe-à-Carcy wharf.....	1,147 64
New coal wharf Wet dock.....	8,804 24
New freight shed Louise embankment.....	34,669 44
East India wharf stone store.....	1,023 35
Harbour improvements, River Front.....	325 86
New deck scow.....	2,813 38
Ottawa cove.....	150 00
Tools account.....	247 67
Office furniture.....	35 00
	<u>\$ 51,886 33</u>

JAS. WOODS,
Secretary-Treasurer.

APPENDIX No. 4.

BELLEVILLE HARBOUR COMMISSIONERS' REPORT FOR YEAR ENDED
DECEMBER 31, 1901.

BELLEVILLE, January 4, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I beg to submit a statement of the receipts and expenditures of the Belleville Harbour Board showing a balance on hand of \$4,492.72.

Your obedient servant,

E. G. SILLS,
Chairman of Board.

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BELLEVILLE, January 6, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The undersigned, harbour master of the city of Belleville, begs to submit the following report for the year 1901.

Navigation opened in Belleville harbour on the 8th day of April and closed on the 26th of November.

Dues collected during the season are as follows :—

Total amount derived from imports.....	\$1,477 37
Total amount derived from exports.....	926 29

\$2,403 66

Import dues on 12,722 tons coal.....	\$1,272 20
" " 421,645 feet lumber.....	21 08
" " 292 cords wood.....	14 60
" " 1,009 tons mdes.....	100 90
" " 615,000 shingles.	18 45
" " 168 tons potter's clay.....	10 08
" " 94 tons salt.....	9 40
" " 64½ tons cement.....	6 45
" " 192½ tons tomatoes.....	19 25
" " 900 bush. wheat.....	1 12
" " 500 " corn.....	0 60
" " 1,700 " oats.....	2 12
" " 380 " pease.....	0 50
" " 50,000 lath.....	0 62

\$1,477 37

Export dues on 134,505 logs, &c.....	\$ 795 00
" " 182,500 brick.....	9 12
" " 25,367 bush. wheat.....	31 72
" " 5,105 " barley.....	6 39
" " 7,008 " rye.....	8 76
" " 2,868 " pease.....	3 59
" " 410 " oats.....	0 51
" " 190 tons talc.....	19 00
" " 23 " cheese.....	2 30
" " 36,000 feet timber.....	3 60
" " 5,000 shingles.....	0 15
" " 5,000 feet lumber.....	0 15
" " 449 tons merchandise.....	44 90
" " 11 " iron.....	1 10

\$ 926 29

The amount of dues collected show a decrease from last year owing to a less quantity of logs coming down the River Moira, and also to a less quantity of coal being brought by vessel.

All of which is respectfully submitted.

I have the honour to be, sir,
Your obedient servant,

D. COLLINS,
Harbour Master.

SESSIONAL PAPER No. 23

DOMINION OF CANADA, Province of Ontario, County of Hastings. <i>To Wit:</i>	}	In the matter of the report of the Harbour Com- missioners of the City of Belleville for the year ending 31st December, 1901.
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I, DANIEL COLLINS, of the city of Belleville, in the county of Hastings, harbour master, do solemnly declare that :

I am harbour master at the city of Belleville.

That my report hereunto annexed contains a true, correct and full statement of the revenue from the harbour at the city of Belleville for the year ending on the 31st day of December, 1901.

That the said report is in all other respects true and correct to the best of my knowledge, information and belief.

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of "The Canada Evidence Act, 1893."

D. COLLINS,
Harbour Master.

Declared before me at the city of Belleville, }
 in the county of Hastings, this 6th }
 day of January, 1902.

G. MASSON,
Notary Public.

APPENDIX No. 5.

THREE RIVERS HARBOUR COMMISSIONERS' REPORT FOR THE YEAR
ENDED DECEMBER 31, 1901.

HARBOUR COMMISSIONERS' OFFICE,
THREE RIVERS, March 27, 1902.

SIR,—I have the honour, by the direction of the Harbour Commissioners of Three Rivers, to forward herewith, for the information of the Honourable the Minister of Marine, statements of receipts and disbursements of the Commission for the year ending 31st December, 1901. Also statement of number and tonnage of vessels entered inward and outward at the port and outports during the same year.

Statements of trade and commerce of the port and district are also forwarded you.

I have the honour to be, sir,
Your obedient servant,

GEORGES BALCER,
Secretary.

F. GOURDEAU, Esq.
Deputy Minister of Marine,
Ottawa.

COMMISSIONERS :

ALEX. HOULISTON, Esq., Chairman.

HENRY E. HART, Esq.
L. D. PAQUIN, Esq.

R. S. COOKE, Esq.
R. W. WILLIAMS, Esq.

GEORGES BALCER, Secretary.

The year 1901, in continuing the series of progressing seasons inaugurated in 1897, fully met our expectation and confirmed the views expressed in former reports.

Although seriously affected, last summer, in one of our principal staples by a sudden change in the climatological condition of the St. Maurice territory, when through persistent drought the water in our lakes and rivers receded to a point never before known, causing hundreds of thousands of logs to be retained along the banks of the river and on tributaries, thus forcing most of our saw-mills to suspend operation for months during the season, our *Exports* and *Imports* did not for a moment cease to increase. While our lumber trade, in spite of a fair demand for goods and other favourable conditions for space and ocean freight, had to be satisfied with a reduced export to both the British and American market, viz :—44 million feet against 48 million in 1900, and 76 million in 1899, for the former ; and 8 million feet against 19 M. in 1900 and 30 M. in 1899 to the United States market ;—Whilst the export of pulpwood fell from 62,000 cords to 35,000 cords, and the output of pulp suffered in proportion—the normal growth of our large industrial establishments and their gradual emerging out of the preliminary stage of organization, more than made up for the difference in the aggregate value of our transactions.

A falling off in the lumber trade always entails a reduction in our shipping. Nevertheless, both the number and tonnage of sea going vessels exceeded in 1901 the number and tonnage of 1900 by (8) eight teamers and about a thousand tons. Only the coasting trade could not make up for the difference with other transports, to or from the United States by water, and a loss of 181 canal barges had to be registered, reducing the tonnage for the season to a total of 196,000 tons, against 212,000 tons in 1900 and 284,000 tons in 1899.

This merely accidental and momentary check to the most important factor of our maritime trade, however, should not for an instant preclude the necessity of accelerating the improvements under contract, neither to commence without delay, the construction

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of the new wharfs in the western direction of the harbour, for which the Department of Public Works, at Ottawa, received authority from Parliament in its session of 1901. On the contrary, the cutting of logs has not for a moment decreased during the present winter season. Shippers of lumber, as well as the shippers of the products and raw material of the various manufacturing establishments, are anxiously awaiting larger and more improved accommodation so as to be able to frame, control and regulate their traffic according to the constantly increasing requirements of their trade. And the demand for space—frontage as well as top wharf—is already such that beside the old and new wharfs soon at our disposal, even more than half of the 1,500 feet of the projected wharf, from Dean's wharf up to the ice breakers, is retained beforehand. And the season of 1902 will certainly not close before the necessity for continuing the work unto Windmill Point will once more be forcibly brought before the serious consideration of both the Minister of Public Works and the Government at Ottawa.

The fact is, neither the work achieved, nor the scheme for improvements outlined years ago, have lost one particle of their importance; more than ever they commend themselves to the attention of every one interested.

But ocean and river traffic improvements in the harbour are not, as we have often stated, the only points to be considered. Transportation by rail, direct and rapid communication between the industrial centres along the St. Maurice and the deep-water wharfs at Three Rivers, the nearest, most handy and cheapest point of shipping for their output, are also matter for serious consideration, the urgency of which cannot be too strongly impressed upon the public.

If, for instance, the large inland situated manufacturing establishments should remain, so to say, isolated, or at the mercy of one or of the other railroad, or other powerful companies; if we should neglect to provide the necessary relief and every available facility, the effect would soon be noticed working at a disadvantage to all, if not disastrous to every one concerned, and the further development of our vast resources thrown back for years.

Apart from the commercial and industrial development of this section of the country, constantly requiring larger and more improved maritime and railroad facilities—outside interests begin to centre in our port. Foremost amongst them is the trial made last summer by the Dominion Iron and Steel Co., of Sydney, N.S., receiving at Three Rivers ore in barges from the United States, for reshipment in steamers to their works at Sydney.

Some 5,000 tons of this ore has thus been forwarded early in the season, when work had to be suspended on account of lack of proper organization and want of return freight for the barges—the cost of handling and delivering the ore being out of proportion. But the matter has not been lost sight of, on the contrary, and we have reason to believe that next season will see from this source a most lively addition to the traffic of the port.

Before summing up the aggregate value of our transactions in 1901, it may be pertinent to recall the circumstances which so seriously affected, not only our lumber trade, but our pulp and paper industry as well. The event in question may have been purely accidental, altogether beyond the control of man. Still such 'accidents' are also brought about by other than natural causes, and should they repeat themselves they may finally produce mischief, the consequences of which, not only to industries but also to agriculture, could not easily be over-estimated. At any rate matters of such importance cannot pass unnoticed, and without assuming the role of a Cassandra we are of opinion that both local and federal Governments should see to the case. Perhaps the experience of the Old Country—where judiciously and scientifically managing the forests they succeeded in preserving for centuries, not only a regular output of timber and lumber, but also normal conditions of climates—might come in timely, either for the framing of regulations for the better preserving and working of our forests; protection against dreaded bush fires, &c., or the taking of means to regulate the flow of water in the spring, particularly 'les eaux du nord' by erecting dams in lakes and streams, so as to control and assure the regular descent of the logs, even during the most trying months of the summer season.

In connection with the above it may also be apropos to allude to the parity of interest lately expounded by the public and the trade, and even by pulp and paper men, as to the necessity for Canada to protect itself against a too large a draining of some of

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our raw material for the sole benefit of competing neighbours. The question being of rather delicate nature and not wishing to take otherwise part in the discussion, we merely state, for the sake of comparison, that the 62,000 cords of pulpwood for instance, shipped in 1900, were valued at \$225,000. Turned into pulp, the value would have reached over \$600,000; and into paper nearly 2 million dollars:— Value and output of a plant not much inferior than the plant of the Laurentide Pulp Co., at the Grand'Mère, and this for the district of Three Rivers alone.

We mentioned the aggregate value of our transactions, in 1901, not to be inferior to the value of preceding years. The fact is both *Exports* and *Imports* exceed by a good deal the former amounts. By an administrative measure of rather doubtful nature, however, we are this time prevented using our former mode of classification: The Department of Customs seeing fit to relieve collector, of ports from the duty of keeping records and preparing regular returns of exports of their division, we find ourselves deprived of one of the best means for controlling unofficial information. Still, at the present moment, such drawbacks, although very inconvenient, are of less consequence, the bulk of some of our large exports swamping, so to say, quite a number of smaller values which, henceforth we will be obliged to neglect.

In *Export*, pulp and paper continue to lead, with some \$1,850,000. The Laurentide Pulp Co., at Grand'Mère, being the sole exporter; the Belgo-Canadian Pulp Co., Shawenigan Falls, having been prevented assuming operation in time, on account of their logs not coming down the river in season.

Lumber coming second with about \$700,000 and pulpwood with \$150,000. The Pittsburg Reduction Co., Shawenigan, in operation for only about two months of the year, shipped some aluminium even to Japan. The value of their export, however, could not be ascertained. Their imports, consisting of raw material, bauxite, alumina, carbona, &c., amount to about 1,350 tons.

The output of the Radnor Forges and of the other industrial establishments, kept in line with former years. But as stated before, it is now, so to say, impossible to get exact figures as to details.

Our dairy products, *Cheese* and *Butter*, improve their output season by season. Hay and other products of Agriculture, the products of the mines continue their regular course. Consequently, on the whole *direct* and *indirect* transactions are steadily on the increase.

Following is a summary statement of our principal exports in 1901:—

To the United States—

Lumber, thousand feet B.M., 8,225.....	\$ 72,300
“ other.....	1,500
Pulp wood, cords, 35,000.....	146,200
Pulp and paper.....	745,000
Produce of the field and farm.....	25,000
“ “ mines.....	70,000
Pig iron.....	21,000
Divers.....	11,700
	<hr/>
	\$1,092,700

To Great Britain—

Lumber, thousand feet B.M., 41,500.....	\$ 595,000
Paper and card board.....	1,117,500
	<hr/>
	\$1,712,500

To France—

Lumber, 200,000 feet.....	\$ 2,360
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To Belgium—

Lumber, 616,000 feet.....	\$ 7,340
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To Spain—

Lumber, 1,780,000 feet.....	\$ 25,350
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Total exports.....	\$ 2,840,250
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IMPORTS.

From the United States—

Machinery and plants for Ind. Estts.....	\$ 202,000
Material used in manufacture	50,000
Leather, &c. for glove manufacturing.....	29,000
Cokes and coal.....	26,000
Provisions.....	37,500
Manufacturing goods.....	30,750
Divers	40,000

\$ 415,750

From Great Britain—

Manufacturing goods.....	\$ 18,590
Material for manufacturing.....	15,176

\$ 33,766

From France—

Manufacturing goods.....	\$ 4,206
Books	2,040
Wine and brandy	3,552

\$ 9,798

From Holland—

Gin.....	\$ 5,819
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From Germany—

Manufacturing goods.....	\$ 1,607
Material for manufacture.....	3,336
Wine.....	275

\$ 5,218

From Belgium—

Manufacturing goods.....	\$ 2,218
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From Austria—

Material for manufacture	\$ 671
--------------------------------	--------

From Spain—

Wine.....	\$ 266
-----------	--------

From Palestine—

Beads, &c.....	\$ 406
----------------	--------

\$ 473,709

From Lower Provinces—

Coal.....	\$ 102,928
Pig iron	19,575

122,503

Total imports.....\$ 506,212

Grand Total Direct Transactions—

Exports.....	\$ 2,840,250
Imports.....	596,212

\$ 3,436,462

GEORGES BALCER,
Secretary.

HARBOUR COMMISSIONERS' OFFICE,
THREE RIVERS, MARCH 20, 1902.

Receipts and Disbursements of Harbour Commission of Three Rivers for the year 1901.

RECEIPTS.

COLLECTION OF HARBOUR DUES.														PROCEEDS FROM.					
MONTHS.	Commissioners' Office.						Custom House.												
	On Goods.			Com- mutation.	Rent of wharf and moorage.		Tonnage dues.	On Goods.			Moorage dues.								
	Tonnage dues on vessels.	Inwards.	Outwards.		Inwards.	Outwards.		Inwards.	Outwards.										
	%	cts.	%	cts.	%	cts.	%	cts.	%	cts.	%	cts.	%	cts.	%	cts.			
January.....	8	00				48	00			365	40			5,000	00	Deposit & cash.	9,038	69	
February.....	6	15																	
March.....	125	00	2	65	18	78	50	30											
April.....	9	45	2	30	13	15	6	25											
May.....	2	08			11	88	4	20						3,200	00				
June.....	14	70			29	90	53	57	900	00	1,100	00	1,000	00	2,000	00			
July.....	17	98	62	33	23	28	4	95	400	00	400	00	400	00					
August.....	9	26	9	09	23	01	2	85	150	00	400	00	450	00					
September.....	3	42	87	40	4	32	27	75							5,500	00			
October.....	12	55	10	17	65	21	4	75											
November.....	25	75	100	90	103	01	197	70	873	17	748	72	201	11			77	56	
December.....																			
	234	31	274	84	292	54	768	50	400	32	2,323	17	3,014	12	2,051	11	584	95	
															15,500	00		9,116	25

Commissioners' office

RECAPITULATION.	
Tonnage dues.....	\$ 234 34
Harbour dues, inwards.....	274 84
" outwards.....	292 51
Commutation.....	768 50
Rent of wharf and moorage.....	400 32
	\$ 1,970 54

Custom house	
Tonnage dues	£ 2,323 17
Harbour dues, inwards	3,014 12
" outwards	2,051 11
Moorage	581 95
	£ 7,973 35
Total collection	£ 9,913 80
Proceeds from	
Sale of debentures	£ 15,500 00
Interest on deposit	77 56
Deposit in bank and cash, January 1, 1901	15,577 56
	9,038 69
Total receipts	£ 31,560 11

RECEIPTS and Disbursements of Harbour Commission of Three Rivers, &c.—*Concluded.*

DISBURSEMENTS.

MONTHS.	EXPENSES FOR ADMINISTRATION.					DISBURSEMENTS CHARGEABLE TO.					
	Current expenses.	Salaries and commissions.	Rent.	Printing and stationery.	Travelling and other expenses.	Refunds.	Engineer's Office.	Repairs and general harbour expenses.	Construction account.	Plants and tools.	Property account.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
January .	41 89	183 46	50 00	25 00	...	...	25 73	84 68	3,100 00	...	...
February .	21 10	172 33	...	...	...	...	...	100 65	100 00	...	...
March .	17 95	172 33	...	...	...	...	5 50	65 85	3,100 00	...	...
April .	14 32	172 33	50 00	21 00	...	...	4 75	59 01	100 00	...	...
May .	13 37	196 33	...	...	...	3 66	10 50	235 92	1,600 00	...	...
June .	19 30	172 33	...	23 39	...	...	...	41 70	2,100 00	...	...
July .	37 73	172 33	50 00	2 00	...	...	...	66 84	1,600 00	...	...
August .	19 50	172 33	...	...	...	...	...	10 15	1,122 20	...	...
September	16 67	172 33	...	3 80	...	...	13 80	108 23	123 35	...	...
October .	16 01	172 33	50 00	...	...	0 85	1 15	274 00	2,014 05	...	...
November .	25 45	172 33	...	10 30	...	...	25 50	27 70	1,712 30	...	...
December .	37 72	400 61	...	...	...	...	...	58 61	100 25	...	...
	281 01	2,331 37	200 60	88 49	...	4 51	116 93	1,163 34	16,772 15	...	...
											6,029 22
											1,295 00

RECAPITULATION.

Administration—

Current expenses	\$ 281 01
Salaries and commissions	2,331 37
Rent	200 00
Printing and stationery	88 49
Refunds	4 51
	\$ 2,905 38

Disbursements on revenue—	
Engineer's office.	116 93
Repairs and general harbour expenses.	1,163 34
	<hr/>
	1,280 27
Interest on debentures.	6,029 22
Sinking fund.	1,295 00
	<hr/>
Total expenses on revenue.	\$ 11,509 87
Disbursements on capital—	
Construction account.	16,772 15
Total disbursements.	<hr/>
	\$ 28,282 02
Deposit in bank and cash, December 31, 1901..	6,278 12
	<hr/>
	\$ 34,560 14

GEORGES BALCER,
Secretary-Treasurer.

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STATEMENT of Number and Tonnage of Sailing Vessels and Steamers Entered Inward and Outward at the Port and Outports of Three Rivers for the year ending 1901.

OCEAN TRAFFIC.

Return of Vessels Inwards.	No.	Tons.	Return of Vessels Outwards.	No.	Tons.
Total arrivals.....	71	131,332	Total departures	71	131,332
Steamers.....	70	130,787	British and Canadian.....	68	126,561
Sailing vessels.....	1	545	Norwegian.....	3	4,771

PORT OF THREE RIVERS.

Arrived.	No.	Tons.	Cleared for.	No.	Tons.
Steamers.....	54	101,307	Great Britain.	38	80,626
Sailing vessels.....	1	545	Inland ports.....	12	14,154
			Antwerp.....	1	1,841
			France.....	1	2,223
			Spain.....	2	3,008

OUTPORT—BATISCAN.

Steamers	4	7,820	Great Britain.	4	7,820
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LAKE ST. PETER—PIERREVILLE, LOUISEVILLE.

Steamers.....	12	21,660	Great Britain.....	9	16,370
			Antwerp.....	2	3,786
			Spain.....	1	1,504

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UNITED STATES TRAFFIC.

	Number.	Tonnage.
Port of Three Rivers—United States canal boats	268	26,613
Outports—United States canal boats.....	151	14,955
	419	41,568

INLAND TRAFFIC.

Bateaux not registered	166	
Schooners and barges.....	35	3,273
Tugs and steamboats.....	117	20,175
Total.....	318	23,448

(Richelieu and Ontario Navigation Company's steamers, market and local boats not included.)

RECAPITULATION.

Ocean traffic.....	71	131,332
United States	419	41,568
Local	318	23,448
Graad total.....	808	196,348

APPENDIX No. 6.

REPORT OF THE PICTOU HARBOUR COMMISSIONERS FOR THE YEAR
ENDED DECEMBER 31, 1901.

PICTOU, N.S., January 9, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose you accounts of the Harbour Commissioners for the Port of Pictou, N.S., for the year ending December 31, 1901. Also, a statement from the Collector of Customs from this port.

Yours very truly,

HENRY G. IVES.
Secretary.

STATEMENT of Account of Harbour Dues collected at the Port of Pictou, N.S., for the
year ending December 31, 1901.

1900.	RECEIPTS.	\$	\$
Dec. 31..	Balance in Bank of Nova Scotia.....	125 00	
1901.	Receipts of harbour dues collected during year ending December 31,		
Dec. 31..	1901, 51,697 tons at 1½c per ton.....	775 45	900 45
	DISBURSEMENT.		
	Paid Jas. A. Fraser, Harbour Master, during year ending December 31, 1901.....	300 00	
	Deposited to the credit of Harbour Commissioners, in Bank of Nova Scotia.....	475 45	775 45
1901.			
Dec. 31..	Balance in Bank of Nova Scotia... ..	125 00	

R. A. FRASER,
Collector.

PICTOU, N.S., December 31, 1901.

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HARBOUR COMMISSIONERS, Port of Pictou, N S., in account with Henry G. Ives, Secretary.

1901.	\$ cts.	1901.	\$ cts.
Jan. 14 Commissioners' travelling ex- penses from New Glasgow...	20 00	Jan. 1 By Balance in Bank of Nova Scotia per account.	1,039 97
" 25 E. M. McDonald's account.	14 52	Dec. 31 Deposited by collector of customs, 1901.....	475 45
Feb. 14 Est. Jas. Kitchin, mortgage, \$176.00; interest to date, \$23.65.	199 65	" 31 Deposit receipt .. \$2,587 50	
" 14 Writing and recording release...	5 47	" 31 One year's inter- est on deposit receipt	90 54
" 15 J. & A. Stalker, paint for buoys.	1 50		2,678 04
Mar. 18 J. C. Graham, wharfinger at New Glasgow.....	25 00		
April 2 Philip Hall, painting buoys....	5 50		
May 4 Wm. McDonald, poles for East river... ..	4 40		
" 15 Str. <i>May Queen</i> , putting out buoys.	30 00		
" 18 Thos. Fraser, bushing West river	8 00		
June 26 Pumping buoy.....	2 00		
July 2 E. Cameron, repairing buoy ..	1 80		
" 30 Smith & English, bushing Mid- dle river.....	8 00		
" 30 Smith & English, removing log from Middle river..	4 00		
Aug. 14 Book for collector of customs....	11 55		
" 31 Bushing East river	20 00		
Oct. 7 Hector McLean, repairs to wharf.	3 12		
" 9 Wm. Harris, placing buoys.....	2 00		
Dec. 9 Secretary's salary.....	100 00		
" 9 Str. <i>May Queen</i> , taking in buoys... ..	24 00		
" 31 Deposit receipt 62484, Bank of Nova Scotia.....	2,678 04		
" 31 Balance in Bank of Nova Scotia.	1,024 91		
	4,193 46	1902.	4,193 46
		Jan. 1 By Balance in Bank of Nova Scotia.	1,024 91

HENRY G. IVES,
Secretary.

PICTOU, N.S., January 4, 1902

APPENDIX No. 7.

REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY FOR
THE YEAR ENDED DECEMBER 31, 1901.

NORTH SYDNEY, C.B., June 2, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners for the port, beg to submit herewith inclosed a statement of receipts and expenditure in connection with this port for the year 1901. Also the number of vessels that arrived here during the said year, together with the quantity of coal shipped and iron ore imported.

There was no interruption to shipping during the winter months.

Your obedient servant,

WM. HACKETT,
Secretary.

Number, tonnage and classification of vessels that arrived at that port during the year ending December 31, 1901. Navigated by 43,742 men.

	Number.	Tonnage,
Ocean steamers	990	1,070,853
Coasting steamers	176	55,952
Barques	8	6,124
Brigantines	18	3,711
Barkentines	13	2,119
Schooners	954	72,310
	<hr/> 2,159	<hr/> 1,211,069
Coal shipments :		
Dominion Coal Co., Ltd		1,182,401
Nova Scotia Steel & Coal Co. Ltd		209,013
Sydney Coal Co. Ltd		4,324
		<hr/> 1,395,738
Iron Ore importations :		
Dominion Iron and Steel Co.		400,000

WM. HACKETT,
Secretary Harbour Commissioners.

SESSIONAL PAPER No. 23

HARBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the Year ending December 31, 1901.

1901.	Receipts.	\$ cts.	1901.	Expenditure.	\$ cts.
Jan. 1	Amount on hand.....	1,210 51	Feb. 16	W. J. Christie.....	3 45
Feb. 26	Received harbour dues.....	44 34	" 21	Vroght Bros.....	4 20
Mar. 22	" ".....	27 19	" 28	Forbes & Archibald.....	3 60
" 31	" ".....	124 53	" 28	Intercolonial Railway.....	6 75
June 11	" ".....	96 23	Mar. 19	D. Rudderham.....	9 00
July 5	" ".....	308 89	April 22	W. H. Lane.....	5 00
Sept. 6	" ".....	249 89	May 1	J. D. McNeil.....	6 50
Oct. 19	" ".....	299 65	" 18	J. W. Ingraham.....	13 56
Dec. 21	" ".....	668 05	" 18	Joseph Ivey.....	4 15
" 21	" ".....	83 48	June 12	Buoying wreck.....	0 50
" 29	" ".....	213 67	" 19	McDonald & Treen, work on	
" 31	" ".....	147 77		breakwater.....	405 55
			Oct. 19	Michael Morrison.....	19 37
			" 19	Exchange on cheque.....	0 25
			" 19	A. C. Thompson & Co.....	9 24
			Dec. 21	W. F. Tutty.....	26 00
			" 30	McDonald & Treen, work on	
				breakwater.....	200 00
			" 30	Rent.....	75 00
			" 30	P. J. McDonald.....	300 00
			" 30	M. W. Lawlor.....	300 00
			" 30	Joseph Shean.....	400 00
			" 30	Wm. Hackett ..	400 00
			" 31	Balance on hand.....	1,282 08
		3,474 20			3,474 20

P. J. McDONALD,
M. W. LAWLOR,
WM. HACKETT,
Commissioners.

NORTH SYDNEY, C.B., June 2, 1902.

APPENDIX No. 8.

REPORT OF THE PILOTAGE DISTRICT OF MONTREAL FOR THE
YEAR ENDED DECEMBER 31, 1900.

MONTREAL, July 10, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, as the Pilotage Authority, to transmit, for the information of the Honourable the Minister of Marine and Fisheries, the following report of the Pilotage District of Montreal, for the year ended December 31, 1901.

The accompanying statement gives the names, earnings, &c., of all the pilots for the past season, and shows an increase of \$660.61 over the latter.

The total amount of pilotage dues was received from the following services, namely :—

BRITISH.

Steamships.....	\$50,578 06
Sailing vessels.....	147 50
	————— \$50,725 56

FOREIGN.

Steamships.....	\$14,745 00
Sailing vessels.....	379 74
	————— 15,124 74

Total \$65,850 30

Before the opening of the season the selection of pilots for special service was made in conformity with by-laws 108 and 109 of the Commissioners, on application being made by the pilots.

On April 15, Pilot Elzéar Bellisle, sixty-seven years of age, was granted a renewal of his license for another year, after having filed a medical certificate to the effect that his eyesight was normal, and after being examined under the provisions of by-law 103.

Pilot Liboire Perrault, who was licensed on April 20, 1888, returned his branch in April 29, 1901, and asked to be placed on the pension list on account of impaired eyesight and general debility. As no medical certificate accompanied the application, Mr. Perrault was told to furnish one, which he did, and on July 17, he was pensioned for one year from May 1.

Early in the spring, pilot Joseph Sauvageau, who was licensed on October 10, 1893, had an attack of paralysis and filed a medical certificate stating that he was not able to pilot, consequently he was placed on the pension list for one year from May 1.

Three new pilots were granted branches after complying with all the requirements of the by-laws: they are J. H. Bourassa, of Deschambault, on April 16, and Joseph E. Pleau and George Veillet, of Ste. Anne de la Pérade, on July 25.

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With these additions there are 55 pilots on the list, while the number allowed by by-law 99 is 75.

In December an examination of apprentice pilots was held at which there were three candidates, of whom Mr. J. A. W. Gariépy passed a satisfactory examination and was granted a permit as provided by by-law No. 96.

An examination of applicants for the license was also held in December, and the following list gives the names, age, residence and date of license of each apprentice pilot now serving his time under this authority.

LIST OF APPRENTICE PILOTS.

No.	Name.	Age.	Residence.	Date of License.
1	*Gariépy, J. A. W.....	23	St. Albans.....	June 2, 1896.
2	Gagnon, Albert.....	25	Three Rivers.....	October 11, 1892.
3	Angers, Alfred.....	25	Ste. Anne de la Pérade.....	January 30, 1894.
4	Frenette, Oswald.....	26	Portneuf.....	August 16, 1899.
5	Hamelin, Chas. B.....	22	Champlain..	" "
6	Perron, Tancrede.....	24	Deschambault.....	" "
7	Angers, J. B.....	21	Ste. Anne de la Pérade..	" "
8	Frenette, Delavoie.....	24	Portneuf.....	" "
9	Gauthier, Laurent J.....	24	Deschambault.....	" "
10	Perrault, David, fils.....	21	".....	" "
11	Hamelin, Fortunat.....	24	".....	" "
12	Gauthier, Cyriac.....	.....	".....	" "
13	Royer, Jos., fils.....	19	88 Fleury St., Quebec.....	" "
14	Carpentier, Eugène.....	23	Champlain.....	" "
15	Fortier, J. Philéas.....	25	St. Jean, Island Orléans.....	" "
16	Rivard, Frs. Xavier.....	21	Grondines.....	" "
17	Mayrand, Joseph.....	20	Lachevrotière.....	" "
18	Arcand, Alfred.....	24	Grondines.....	" "
19	Lachance, Napoléon.....	18	River Lafleur, Island Orleans.....	" "
20	Frenette, Georges.....	20	Portneuf.....	December 4, 1900.
21	Paquin, Emile.....	24	Deschambault.....	" "
22	Bouillé, Henri.....	17	".....	" "
23	Larochelle, Eugène.....	19	St. Michel de Bellechasse.....	" "
24	Perron, Théode.....	18	Deschambault.....	" "
25	Arcand, Arthur.....	18	Champlain.....	" "
26	Rousseau, Oscar.....	24	St. Michel de Bellechasse.....	" "
27	Dussault, Bona.....	20	St. Albans.....	" "
28	Paquin, Côme.....	20	Deschambault.....	" "
29	Labranche, Chas. Ed.....	19	Portneuf.....	" "
30	Arcand, Jos. Art.....	18	Champlain.....	" "
31	Boudreau, Anthime.....	18	Deschambault.....	" "
32	Gariépy, Laurent.....	17	".....	" "
33	Baribeau, Hormisdas.....	18	".....	December 18, 1901.
34	Bernier, J. Alph.....	17	280 rue de la Reine, Quebec.....	" "

*Passed examination (see report).

There are nine applicants to be placed on the list of apprentice pilots of whom Messrs. Jean Perrault and Emile Rodrigue, both of Deschambault, have passed their examination but have not yet taken their license.

LIST OF APPLICANTS FOR LICENSE OF APPRENTICE PILOT.

No.	Name.	Residence.	Date of Application.
1	*Rodrigue, Emile.....	Deschambault.....	Jan. 30, 1900.
2	†Perrault, Jean.....	".....	May 25, 1897.
3	Labranche, Louis George.....	Portneuf.....	Aug. 16, 1899.
4	Brière, Jules.....	".....	Jan. 3, 1901.
5	Thibaudeau, A. Emile.....	".....	" 7, 1901.
6	Belle Isle, N. Oscar.....	Deschambault.....	" 28, 1901.
7	Dussault, Laurent.....	".....	March 2, 1901.
8	Simard, J. P. Geo. H.....	St. Michel de Bellechasse.....	" 6, 1901.
9	Arcand, Jos. Arthur.....	Deschambault.....	Aug. 31, 1901.

*Passed examination December 4, 1900.
† " " 18, 1901.

The amounts received and expended by the Commissioners as Pilotage Authority for the district apart from their receipts and disbursemen's in trust for the Montreal Decayed Pilots' Fund, of which the annual report and statements have been sent to you, were as follows :—

RECEIVED.

From J. H. Bourassa, fee of pilot's license.....	\$ 10 00
" George Veillet " ".....	10 00
" J. N. Raymond " ".....	10 00
Fees of 20 licenses of apprentice pilots.....	100 00
From pilots, 2 per cent of the pilotage dues on sundry vessels.....	10 94
" Collector of Customs, Sorel, 2 per cent of the pilotage dues on vessels to and from Sorel.....	4 39
" Collector of Customs, Three Rivers, 2 per cent of the pilotage dues on vessels to and from Three Rivers and Batiscan.....	23 22
" Collector of Customs, Montreal, 2 per cent of the pilotage dues on vessels to and from Montreal.....	1,243 45
Total.....	\$1,412 00

EXPENDED.

By J. C. Hanley, stenographer's fees <i>re</i> complaint against pilot C. Auger.....	3 50
" Herald Publishing Company, books and stationery.....	\$ 35 75
" Geoffrion, Geoffrion & Cusson, professional services.....	64 10
" Three pilots' attendance at examination of apprentice pilots for branches.....	83 65
" Contribution towards the expenses of the Pilotage Office at Quebec which were \$662.31, including agent's salary of \$500.....	600 00
Total.....	\$787 00

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The above statement shows that the receipts for the year exceeded the expenditure by \$625 which reduced to \$182.55 the amount at the debit of the account on December 31, 1900, of \$807.55, which had accumulated during the previous six years.

The mishaps during the year, which were few, were investigated by the Commissioner of the Montreal Pilots Court, as provided by the Act 63-64 Victoria, chap. 36, 'An Act to amend the Pilotage Act.'

The water in the channel kept at a very satisfactory depth throughout the season, and a list of vessels which passed down during the latter part of the season, drawing twenty-six feet and over, with the relative depth in the channel on the day of passage as indicated by the Government gauge at Sorel, is as follows :—

STATEMENT SHOWING DRAUGHT OF STEAMSHIPS FOR PART OF SEASON OF 1901,
DRAWING 26 FEET AND OVER.

Date.	Steamer.	Draught when stationary in Harbour, by Pilot's Report		Depth of Water in Channel, by Sorel Gauge.	
		Ft.	In.	Ft.	In.
Aug. 7....	SS. Sarmatian (down).....	26	8	27	8
" 18....	" Hurona "	26		27	6
Sept. 15....	" Monteagle "	26		27	2
Nov. 1....	" Iona "	26		26	7

The semaphores at Cap Santé and Cap à la Roche were worked throughout the season, and for the information of pilots the depths of water which were received daily by telegram were posted in the Pilotage office here.

As information was received that vessels were discharging ashes in the channel, a notice calling attention to the by-law which prohibits so doing was sent to the shipping firms for distribution to masters of vessels, and in two cases fines were imposed.

The usual edition of the tide tables, the data for which were forwarded by your department, was published by the Commissioners and distributed to the pilots, and to the shipping firms for the use of the vessels.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
Secretary.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, January 8, 1902.

Col. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to transmit you herewith, for the information of the Honourable the Acting Minister of Marine and Fisheries, the usual statements, (1) Receipts and disbursements of the Montreal Decayed Pilots' Fund, for the year ended December 31, 1901, and (2) Assets of the fund at December 31, 1901.

The following is an abstract of the former :

Receipts.

5 p. c. of pilotage dues collected at Montreal	\$3,107 97
“ “ “ Three Rivers and Batiscan	58 05
“ “ “ Sorel	10 98
“ “ payable on war vessels, &c.,	29 92
Amount collected and applied under paragraph 62 of the Pilotage Act	44 25
	<hr/>
	\$3,251 17
Interest on investments and deposit in bank	2,369 85
	<hr/>
Total	\$5,621 02

Disbursements.

Pensions to old pilots, widows of pilots and minors	\$5,649 90
Audit of the fund for 1900	25 00
Postage stamps and stationery	10 00
	<hr/>
Total	\$5,684 90
Pension due to L. Perrault November 1, but not paid to him, a seizure having been placed thereon	90 00
	<hr/>
	\$5,777 90

showing a loss for the year of \$153.88.

As it was apparent during the year that the revenue would not be sufficient to cover the pensions, the question of fixing the pensions according to the amount paid into the fund by the pilots was discussed and it is expected that a decision on this basis will shortly be arrived at so that the revenue will be sufficient to cover the expenditure.

Before the opening of navigation, pilot P. Bélanger who applied in the fall of 1900 to be placed on the pension list on account of impaired health, was granted a pension from May 1, and pilot J. Sauvageau who was suffering from paralysis of the tongue, was placed on the list temporarily for one year from May 1.

In May, pilot Liboire Perrault who applied for his pension in 1897, but which was not granted, renewed his application, and, on account of the general bad state of his health, he was placed on the list temporarily for one year.

Widow Zéphirin Mayrand, who had been a pensioner for 19 years, died on February 27, and old pilot Damase Cayen, of Portneuf, who was licensed on October 1, 1872, and a pensioner since May 1, 1895, died on August 29, age 61 years.

As is customary, the full pensions for the current quarters were paid to their legal heirs.

At the close of the year there were twenty-three pensioners, namely, 12 old pilots (two temporarily), 10 widows, and the minors of one pilot.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
Secretary.

1901.		
Jan. 1	To Balance from December 1900	
" 31.	Montreal Harbour Coupons, due 5th January, 1901	
	Series R, Nos. 20 and 102 2 x \$15 00 =	\$ 30 00
	" R " 42 and 117-119 4 x 30 00 =	120 00
	" R " 84 1 x 60 00 =	60 00
	" D " 21 and 45-49 = 6 x 25 00 =	150 00
	" F " 164-172 = 9 x 20 00 =	180 00
	" G " 289-290 = 2 x 20 00 =	40 00
	" H " 64, 65, 139-142 6 x 20 00 =	120 00
	" J " 221-246 16 x 20 00 =	320 00
" 31.	City of Montreal, 6 months' interest to 1st January on \$5,000.00 of 5 per cent Montreal City Stock.	
May 13.	Pilot B. Arcand, 5 per cent of pilotage dues ss. <i>A. D. Thomson</i> , Quebec to Montreal, draught 14 feet, ...	
" 25	Pilot G. Dufresne, 5 per cent pilotage dues, yacht <i>Dorothea</i> , Quebec to Montreal, draught 11 feet, ...	
" 30.	Pilot U. Groleau, 5 per cent pilotage dues, yacht <i>Saga more</i> , Quebec to Montreal, draught 11 feet, ...	
" 31.	Collector of Customs, Montreal, $\frac{1}{2}$ Trinity dues collected in May	
June 5.	Pilot E. Bellisle, 5 per cent pilotage dues, ss. <i>Miami</i> , Quebec to Montreal, draught 10 feet 6 inches	
" 30	Collector of Customs, Montreal, $\frac{1}{2}$ Trinity dues, collected in June	
July 5.	Pilot D. Nault, 5 per cent pilotage dues, yacht <i>Gaudada</i> , Montreal to Quebec and return, draught 11 feet 6 inches and 12 feet, ...	
" 6	Pilot H. Dussault, 5 per cent pilotage dues, yacht <i>Gaudada</i> , Quebec to Montreal, draught 11 feet, ...	
" 22	Pilot J. B. Nadeau, 5 per cent pilotage dues, yacht <i>Arac</i> , Quebec to Montreal, draught 11 feet	
" 25.	Pilot M. Bouille, 5 per cent pilotage dues, yacht <i>Gaudada</i> , Quebec to Montreal, draught 11 feet, ...	
" 25	Pilot N. Bouille, 5 per cent pilotage dues, barge <i>M. Bacon</i> , Quebec to Montreal, draught 7 feet	
" 31.	Collector of Customs, Montreal, $\frac{1}{2}$ Trinity dues, collected in July.	
" 31	City of Montreal, six months' interest to 1st July on \$5,000.00 of 5 per cent Montreal city stock, ...	

Carried forward

6,419 35

\$	cts.	1901.		\$	cts.
3,819	39	Feb. 1.	By Pensions paid to the following for three months ended 31st January		
			Heirs L. Bellisle	37	33
			Widow L. D. Bouille	29	33
			" A. Dufresne	37	33
			" V. Gagnon	37	33
			" A. Gauthier	32	00
			" J. O. Hamelin	37	33
			" J. Lovelle	37	33
			" A. Lisé	37	33
			" D. Mathien	32	00
			" Z. Mayrand	37	33
			" E. Naud	32	00
			" J. Toupin	32	00
			Old Pilot J. Arcand	90	00
			" C. Bellisle	90	00
			" Z. Bouille	90	00
			" D. Cayen	90	00
			" E. Desjardy	90	00
			" P. Gagnon	90	00
			" L. Mayrand	90	00
			" A. Naud	90	00
			" D. Perrault	90	00
			" T. Toupin	90	00
128	84	May 1	By Pensions paid to the following for three months ended 30th April		
			Heirs L. Bellisle	37	33
			Widow L. D. Bouille	29	33
			" A. Dufresne	37	33
			" V. Gagnon	37	33
			" A. Gauthier	32	00
			" J. O. Hamelin	37	33
			" J. Lovelle	37	33
			" A. Lisé	37	33
			" D. Mathien	32	00
			" Z. Mayrand	37	33
			" E. Naud	32	00
			" J. Toupin	32	00
			Old Pilot J. Arcand	90	00
			" C. Bellisle	90	00
			" Z. Bouille	90	00
			" D. Cayen	90	00
			Carried forward	2,637	28

Dr.

DAVID SEATH, Treasurer, in account with the Montreal Decayed Pilots' Fund—*Continued.*

Cr.

1901.		\$	cts.	1901.		\$	cts.
	Brought forward..	6,419	35		Brought forward..	2,637	28
July 31..	To Montreal Harbour coupons, due July 5, 1901				Old pilot F. Desjordy	90	00
	Series R, Nos. 20 and 102=2 × 815		\$ 30 00		" P. Gagnon	90	00
	" R " 42 and 117-119=4 × 30		120 00		" L. Mayrand	90	00
	" R " 84		=1 × 60		" A. Naud	90	00
	" D " 21 and 45-49 =6 × 25		150 00		" D. Perrault	90	00
	" F " 164-172		=9 × 20		" T. Toupin	30	00
	" G " 289 and 290 =2 × 20		40 00		Aug. 1.. By pensions paid to the following for three months ended July 31—		
	" H " 64, 65, 139-142 =6 × 20		120 00		Heirs L. Bellisle	37	33
	" J " 231-246		=16 × 20		Widow L. D. Bouillé	29	33
					" A. Dufresne	37	33
Aug. 5..	Pilot G. T. Hamelin, 5 per cent pilotage dues on ss. <i>Donnacoma</i> , Quebec to Montreal, draught 17 feet 3 inches	1,020	00		" V. Gagnon	37	33
" 31..	Pilot G. Vielle, 5 per cent pilotage dues on ss. <i>Hartford</i> , Quebec to Montreal, draught 9 feet	2	15		" A. Gauthier	32	00
" 31..	Collector of Customs, Montreal, $\frac{2}{3}$ Trinity dues, collected in August	1	13		" J. O. Hamelin	37	33
Sept. 12..	Pilot G. Vielle, 5 per cent pilotage dues on yacht <i>Vesta</i> , Quebec to Montreal and return, draught 6 feet	648	45		" J. Léveillé	37	33
" 23..	Pilot G. Vielle, 5 per cent pilotage dues on ss. <i>Miami</i> , Montreal to Quebec, draught 11 feet	1	50		" A. Lise	37	33
" 30..	Collector of Customs, Montreal, $\frac{2}{3}$ Trinity dues, collected in September	1	43		" D. Mathien	32	00
Oct. 31..	Collector of Customs, Montreal, $\frac{2}{3}$ Trinity dues, collected in October	414	00		" E. Naud	32	00
Nov. 22..	Pilot J. Pleau, 5 per cent pilotage dues on tug <i>Standard</i> , Quebec to Montreal and return, draught 13 feet 6 inches	418	52		" J. Toupin	32	00
" 29..	Pilot G. Vielle, 5 per cent pilotage dues on ss. <i>Hugoma</i> , Montreal to Quebec, draught 12 feet	3	37		Old pilot J. Arcand	90	00
" 30..	Collector of Customs, Montreal, $\frac{2}{3}$ Trinity dues, collected in November	1	50		" P. Bélanger	90	00
Dec. 4..	Collector of Customs, Three Rivers, $\frac{2}{3}$ Trinity dues, collected at Three Rivers and Batiscan in 1901	301	00		" C. Bellisle	90	00
" 5..	Pilot G. Dufresne, 5 per cent pilotage dues on ss. <i>Minto</i> , Quebec to Montreal and return, draught 18 feet	58	05		" Z. Bouillé	90	00
		4	50		" D. Cayen	90	00
					" F. Desjordy	90	00
					" P. Gagnon	90	00
					" L. Mayrand	90	00
					" A. Naud	90	00
					" D. Perrault	90	00
					" L. Perrault	90	00
					" J. Sauvageau	90	00
					" T. Toupin	90	00
					Three months' pension paid to C. Cayen, legal heir of old pilot D. Cayen, who died on August 29, 1901	90	00
					By pensions paid to the following for three months ended October 31—		
					Heirs L. Bellisle	37	33
					Widow L. D. Bouillé	29	33
					" A. Dufresne	37	33
					" V. Gagnon	37	33
					" A. Gauthier	32	00
					" J. O. Hamelin	37	33
					" J. Léveillé	37	33

DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilots' Fund.

STATEMENT OF THE FUND.

Nos.	Series.		\$	cts.
		Montreal harbour debentures—		
20 and 102	R	Due July 5, 1906, interest at 6 per cent, 2 × \$ 500	1,000	00
12 and 117-119	R	" 5, 1906 " 6 " 4 × 1,000	4,000	00
84	R	" 5, 1906 " 6 " 1 × 2,000	2,000	00
21 and 45-49	D	" 5, 1915 " 5 " 6 × 1,000	6,000	00
164-172	F	" 5, 1917 " 4 " 9 × 1,000	9,000	00
289-290	G	" 5, 1918 " 4 " 2 × 1,000	2,000	00
64-65	H	" 5, 1921 " 4 " 2 × 1,000	2,000	00
139-142	H	" 5, 1921 " 4 " 1 × 1,000	4,000	00
231-246	J	" Jan. 5, 1924 " 4 " 16 × 1,000	16,000	00
		City of Montreal consolidated fund—		
165	.....	Due July 1, 1910, interest at 5 per cent, 50 × \$100	5,000	00
		Cash in Montreal City and District Savings Bank at 3 per cent . . .	3,665	19
			54,665	19
		Cash in Montreal City and District Savings Bank for pension of L. Perrault, due November 1, but not paid him, a seizure having been placed thereon	90	00
		Cash in Commissioners' hands	0	32
			54,755	51

DAVID SEATH,
Treasurer.

MONTREAL, December 31, 1901.

We hereby certify that we have examined the entries for the year 1901, as recorded in the preceding pages, numbered from one to four, and have found them to agree with vouchers on file. Also, that debentures and certificates to the amount of \$54,755.51, as described in statement on opposite page, have been this day submitted for our inspection.

RIDDELL & COMMON, C.A.,
Auditors.

MONTREAL, January 7, 1902.

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APPENDIX No. 9.

REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE YEAR ENDED DECEMBER 31, 1901.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 22, 1902.

F. GOURDEAU, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit you, herewith, in duplicate the Commissioners' report as Pilotage Authority for the year 1901, as also the various statements containing the information yearly conveyed to your department.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
Secretary-Treasurer.

QUEBEC HARBOUR COMMISSIONERS' REPORT AS THE PILOTAGE AUTHORITY FOR THE YEAR 1901.

(Under 36th Victoria, Chapter 54, Section 22.)

QUEBEC, January 2, 1902.

To the Honourable JAMES SUTHERLAND, M.P.,
Acting Minister of Marine and Fisheries, &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of 'The Pilotage Act,' 36 Victoria, chapter 54, section 22, I have the honour to submit the following report, from the Quebec Harbour Commissioners as Pilotage Authority, for the year 1901.

SERVICE OF THE PILOT STATIONS.

The operations of the year began on the April 16, when the Pilot Schooner *La Mouette* left with eight pilots.

The Pilot Schooner *La Vigie* left on April 27 with eleven pilots, and on May 4 and 6, fourteen pilots were sent down by the Intercolonial Railway.

As usual all the pilot stations have been provided with pilots during the season through the Intercolonial Railway and the pilot schooners, and the service has been performed to the satisfaction of the Commissioners.

1-2 EDWARD VII., A. 1902

OLD PILOTS.

Previous to the opening of navigation, all the old pilots, eight in number, who had attained the age of sixty five and over, were summoned before the Commissioners under the authority of the 32nd section of the Pilotage Act, in order to ascertain whether they could continue in the exercise of their duties for the ensuing year. They were all found competent to perform their duties and their licenses were accordingly renewed for one year.

DEATHS.

Three pilots have died during the year, namely : Alfred Dion, admitted on April 12, 1884. Joseph François Xavier Bernier, admitted on July 26, 1876 ; Adélaré Sansterre, admitted on May 2, 1876.

The Commissioners are pleased to state that these pilots have left a very good record, two of them, Messrs. Dion and Sansterre, not having a complaint or accident entered against their names.

COMPLAINTS AGAINST THE PILOTAGE SERVICE.

Complaint of delay in getting his pilot at Bic, on September 23, was made by the master of the SS. *Louisburg*, and also that pilot No. 29 anchored the *Louisburg* below Crane Island Channel during a fine beautiful moonlight night, when large steamers bound to Quebec passed up, losing eleven hours and a half by this delay. Commissioners had pilot No. 29 and the master of pilot boat before them on October 18, and carefully inquired into this complaint, and so far as the evidence of these witnesses goes to show, they could not find the complaint of the master of the *Louisburg* well-founded.

TRIALS.

Six pilots have been placed on trial before the Commissioners during the season of 1901. Five of them on complaints from shipmasters or their agents, and one of them on a complaint from the Corporation of Pilots. In three of the cases, the pilots were found guilty, and in the others three verdicts of not guilty were rendered.

A statement annexed to this report conveys all the particulars as to the nature of the complaints and the result of the investigations.

BY-LAWS.

Commissioners have recently revised the by-laws governing the Corporation of Pilots for and below the Harbour of Quebec. These, after the necessary submission to the Corporation of Pilots will be forwarded to Ottawa for the approval of His Excellency the Governor General in Council.

Some important additions have been made to the by-laws governing the pilots, one of which requires the examination of the eyesight of all the pilots on the active list every third year.

IMPROVEMENTS TO LIGHTS AND BUOYS OF THE LOWER ST. LAWRENCE.

The Commissioners having solicited an interview with the Premier, the Right Honourable Sir Wilfrid Laurier, so as to place before him the improvements and additions that were required to the aids to navigation in the Lower St. Lawrence, he kindly granted their request, and, accompanied by the Deputy Minister of Marine and Fisheries, Mr. F. Gourdeau, met them at their Board room, on the afternoon of July 10, when the following memorandum of requirements was submitted for his consideration:

1st. For leaving harbour, a gas buoy at Point Lévis until the lighthouse on the west of the Island of Orleans already promised is completed.

2nd. A gas buoy at Beaumont.

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- 3 d. Bellechasse light to be made an occulting light.
 - 4th. At St. Thomas to give a depth of five fathoms.
 - 5th. To straighten the little channel at Crane Island and give it a depth of five fathoms, and to erect a pier with a light at the west end of this channel to form a leading light with Crane Island light.
 - 6th. A gas buoy at south side of channel that is between Stone Pillars and Channel Patch.
 - 7th. A gas buoy to replace the red buoy at the west end of the Traverse opposite the pillar or present pier.
 - 8th. A pier or block with light where now stands the black buoy to replace the lightship at Pointe St. Roch.
 - 9th. To move the Red island lightship in twenty (20) fathoms to the south.
 - 10th. A gas buoy on the north-west reef of Bicquet with bell or whistle.
 - 11th. A gas buoy at Vaches Patch at the entrance of the Saguenay in place of the present buoy.
 - 12th. It is important that the Red Island lighthouse should have a siren.
 - 13th. Pilots recommend and urge that the lightship in the South Traverse be placed where the black buoy now is on Pointe St. Roch until the permanent pier is built.
 - 14th. That all lights and gas buoys not occulting be made occulting.
- The Commissioners are pleased to state that this interview so kindly given was most satisfactory in every respect, and they hope to see most of the improvements thus recommended carried into effect before the opening of the next season of navigation.

PILOTAGE EARNINGS.

According to a return received from the secretary treasurer of the Corporation of Pilots for and below the Harbour of Quebec, their gross earnings for the season have been \$114,874.31. Out of this sum \$111,285.74 was received from 793 British vessels, and the balance, \$3,588.57 from 48 foreign vessels.

The total expenses, including percentage for pension fund, have been \$23,149.48, leaving a net balance of \$91,724.83 to be divided among 116 pilots, giving them net earnings of say \$791 each.

DIRECTORS OF THE CORPORATION OF PILOTS.

At their annual meeting held on the tenth day of December last, the pilots elected the following directors to their corporation for the ensuing year: Messrs. L. E. Morin, Ed. Larochelle, sr., Théophile Corriveau, Léon Labrecque, Jos. H. Talbot and Louis Thivierge. And at a subsequent meeting of the new board, held on December 11, Mr. L. E. Morin was unanimously re-elected President.

Annexed to the present report are the various statements not herein alluded to, which contain all the information yearly conveyed to your department by the Commissioners' in their capacity of the pilotage authority.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
Secretary-Treasurer.

PILOTAGE TARIFF.

RATES of Pilotage for the Harbour of Quebec and below, as per by-law passed by the Quebec Harbour Commissioners, on June 18, 1891, and sanctioned by His Excellency the Governor General in Council, on June 26, 1891.

TABLE I.

RATES of Pilotage for the Harbour of Quebec and below, for each foot of draught of Water.

From	To	From May 1 to Nov. 10.	From Nov. 10 to Nov. 19.	From Nov. 19 to March 1.	From March 1 to May 1.
Bic Island or any place below the anchorage of Brandy Pots, off Hare Island.....	Anchorage or mooring ground in the Basin or Harbour of Quebec	\$3.87	\$4.95	\$6.02	\$4.41
The anchorage ground at the Brandy Pots off Hare Is- land or any place above the said anchorage ground and below St. Roch's Point.	" " ... $\frac{2}{3}$ of this sum	$\frac{2}{3}$ of this sum	$\frac{2}{3}$ of this sum	$\frac{2}{3}$ of this sum	$\frac{2}{3}$ of this sum
St. Roch's Point or any place above this Point and below the Point-aux-Pins, on Crane Island.....	" " $\frac{1}{3}$ "	$\frac{1}{3}$ "	$\frac{1}{3}$ "	$\frac{1}{3}$ "	$\frac{1}{3}$ "
Point-aux-Pins or Crane Is- land or any place below St. Patrick's Hole.....	" " $\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ "
The anchorage or mooring ground in the Basin or Har- bour of Quebec.....	Bic Island or the place where the pilot shall be discharged in the river below Quebec..	\$3.40	\$4.46	\$5.54	\$3.93

TABLE II.

RATES of Pilotage for the Harbour of Quebec and below.

From	To	\$	cts.
Any wharf in the harbour of Quebec between Pointe- à-Carcy, below and the west end of the Allan's wharf above, both inclusive.....	Any other wharf within said limits.....	2	50
Any place in the harbour of Quebec, not being a wharf within the above mentioned limits..	Any other place in the said harbour not being a wharf within the said limits..	5	00

Pilots taking charge of vessels at St. Patrick's Hole or above it, shall be entitled to no more than the sum allowed in Table II for piloting vessels from one part of the harbour to another.

J. B. LALIBERTÉ,
Chairman.

JAS. WOODS,
Secretary-Treasurer.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, on the active list, on the 31st December, 1901, the number who retired, struck off the active list, or died during the year; the number temporarily suspended, the number who were unable to serve, the number in charge of Government steamers, &c.

23—5

Number.	Name.	Age.	Residence.	NUMBER OF PILOTAGES EFFECTED.			Casualties and Remarks.
				Inwards.	Outwards.	Moverages.	
1	Charles Francis Brown	74	Quebec.	4	3	3	Sick since the month of August.
2	Paul Pâquet	70	St. John, Orleans.	3	4	3	
3	Joseph Pouliot.	75	"	1	0	1	
4	Georges Normand.	71	Crane Island.	4	3	3	Employed by the Thomson Line. President of the Corporation of Pilots. Re-elected at last election.
5	David Damours.	69	Trois Pistoles.	4	3	3	
6	Numa Lachance	67	St. Michel, Bellechasse.	4	3	3	
7	Joseph Gravel.	75	Quebec.	3	4	3	Office-keeper.
8	Jean Bte. Pouliot.	60	St. John, Orleans.	4	3	3	
9	Joseph Pâquet	64	Quebec.	2	4	2	
10	Louis Edmond Morin.	63	"	16	14	1	Sick all the season. One of the directors of the Corporation of Pilots. Re-elected at last election.
11	Moise Lachance.	64	St. John, Orleans.	1	4	3	
12	Joseph S. Brown.	66	Quebec.	4	4	2	
13	Hubert Raymond.	62	"	0	0	0	Employed by the Black Diamond Line.
14	Achille Damours.	62	St. Valier	4	3	3	
15	Joseph Pouliot	58	St. John, Orleans,	0	0	0	
16	Edmond Larochele, sr.	58	Quebec.	1	2	0	Master of Saguenay Station. Sick since the month of October. Employed by the Black Diamond Line.
17	Laurent Godbout.	58	"	3	3	3	
18	Adelme Pouliot.	62	St. Laurent, Orleans	3	3	3	
19	Bart. Pepin dit Lachance.	56	St. John, Orleans.	13	13	1	Employed by the Black Diamond Line.
20	Frs.-Xav. Delisle	56	Quebec.	2	3	3	
21	Damien Eugene Boulanger	58	Tadoussac	0	0	0	
22	Cyprien Langlois	57	St. John, Orleans.	2	2	3	Employed by the Black Diamond Line.
23	Charles Normand.	55	Quebec.	17	18	1	
24	Napoleon Rioux	56	Ste. Petronille, Orleans.	4	4	3	
25	Jean-Bte. Tremblay.	58	Quebec.	3	3	3	Elder-Dempster Line. Franco-Canadian Line.
26	Raym. Baquet dit Laumontagne.	56	Notre Dame. Lévis.	13	14	1	
27	Frs.-Xav. Lamarre.	55	St. Valier	10	7	1	
28	Moise Pouliot.	53	St. John, Orleans.	4	3	3	
29	Paul Gobeil.	55	"	4	2	3	
30	Chs. Alarie Raymond.	53	Chateau-Richer.	3	2	3	

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c—*Continued.*

Number.	Name.	Age.	Residence.	NUMBER OF PILOTAGES EFFECTED.			Casualties and Remarks.
				Inwards.	Outwards.	Movages.	
31	Victor Vézina	56	Quebec	14	15	1	Employed by the Thomson Line.
32	L. B. O. Goutron dit Larochele..	54	St. Michel, Bellechasse.....	20	21	1	" Allan Line.
33	Chs. Hermie alias A. Bernier....	56	"	0	0	0	One of the directors of the Corporation of Pilots. Not re-elected at last election.
34	Louis Robert Demers.....	55	Quebec.....	15	15	2	Employed by the Quebec SS. Co.
35	Vital Ephrem Chamberland.	61	St. Michel, Bellechasse	4	2	2	
36	Joseph G. Dupil.....	54	Quebec.....	19	9	1	Employed by the Allan Line.
37	Joseph Fortier	57	St. John, Orleans.	8	9	1	" Black Diamond Line.
38	Nestor Lachance.....	56	"	8	10	1	" Holme Line.
39	Cyrille Audet dit Lapointe	56	St. Michel, Bellechasse.....	3	1	3	Sick since the month of October.
40	Joseph Lapointe.....	58	St. Laurent, Orleans	3	2	3	
41	Pierre Pepin dit Lachance	52	Montreal.....	15	15	1	Employed by the Black Diamond Line.
42	Théophile Gourdeau	57	Lauson, Lévis	2	2	2	Sick since the month of September.
43	Isiode Noël	51	St. John, Orleans.....	4	1	2	
44	Jean Evariste Adam	57	Trois-Saumons.....	0	0	0	Sick all the season.
45	Alfred Larochele	51	St. Michel, Bellechasse.....	15	16	1	Employed by the Elder, Dempster Line.
46	Théophile Corriveau	54	Quebec.....	0	0	0	One of the directors of the Corporation of Pilots. Re-elected at last election.
47	Elzéar Godbout.....	53	"	12	14	1	Employed by the Black Diamond Line.
48	Pierre Gobeil	53	St. John, Orleans.....	4	1	3	
49	Theophile Pepin dit Lachance....	56	Montreal.....	15	15	1	"
50	Achille Tréfle Sinard.....	50	St. Joseph, Lévis	18	17	1	" Head Line.
51	Jean-Bte Patoine	50	Montreal	11	11	1	" Black Diamond Line.
52	Narc. Lavoie	52	Ste. Luce, Rimouski	3	3	3	
53	Joseph Emilio Couillard.....	50	Quebec	9	8	1	" Ross' Line.
54	Louis Albert Royer	56	"	17	17	1	" Intercolonial Mine Co.
55	Adéard Santerre	50	"	17	21	1	" Allan Line. Died September 29.
56	Onésime Noël	49	St. John, Orleans.....	14	15	1	
57	Napoléon Baillargeon	51	Quebec	3	2	2	
58	Jos. Frs-Xav. Bernier.....	49	"	0	0	0	Accidentally drowned April 18.
59	Fr's-X. Demeules	49	St. John, Orleans.....	0	0	0	Master of Pilot Schooner, <i>Vigie</i> .
60	Louis Honoré Lapierre	51	Notre Dame, Lévis	7	7	1	Employed by the Black Diamond Line.
61	Jos. Eugène Lachance	47	St. John, Orleans.....	20	20	1	" Leyland Line.
62	David Arthur Bouffard.....	47	St. Laurent, Orleans	3	2	2	"
63	Jean Theophile St. Laurent	50	Quebec.....	22	16	1	Elder, Dempster Line.

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64	Jacques Georges Dugas	49	St. Joseph, Lévis	22	4	3	"	Black Diamond Line.
65	Joseph Victor Gourdau	54	Ste. Petronille, Orleans	8	8	1		
66	Louis <i>alias</i> Treflé Delisle	47	Trois Pistoles	4	4	3		
67	J.-Bte Couillard	50	Cap. St. Ignace	4	2	3		
68	Chs. Pelletier	51	St. Michel, Bellechasse	3	2	2		
69	Nazaire Delisle	62	Quebec	2	4	2		
70	J. E. Bonaventure Lavoie	49	Ste. Luce, Rimouski	3	3	3		
71	Adjutor Baillargeon	47	Quebec	17	15	1	Employed by the Hamburg American Packet Co. and Furness Withy.	
72	Samuel Rioux	48	"	22	16	1	Employed by the Allan Line.	
73	Charles Octave Clavet	47	St. Michel, Bellechasse	14	13	1	Black Diamond Line.	
74	Paul Lachance	45	Quebec	15	17	1	Hamburg-American Packet Co. and Furness Withy.	
75	Arcadius Jovin	43	Ste. Luce, Rimouski	3	2	2	One of the directors of the Corp. of Pilots. Re-elected at last election.	
76	Léon Labrecque	51	St. Laurent, Orleans	0	0	0	Employed by the Ross Line.	
77	Paul Lachance	46	St. John	9	9	1	Leyland Line. Director of the Corp. of Pilots.	
78	Joseph Pouliot	45	"	6	7	1	Not re-elected at last election.	
79	Joseph Larochelle	44	St. Michel, Bellechasse	2	1	1	Suspended to August 1, 1901.	
80	Adjutor Lachance	43	"	3	4	2	Employed by the Head Line.	
81	Frs. Goudreau	50	Quebec	11	16	2	Black Diamond Line.	
82	Arthur Koenig	50	L'Islet	5	9	1	Master of pilot schooner <i>Mouette</i> .	
83	Eugène Anctil	42	St. Jean Port Joly	0	0	0	Employed by the Black Diamond Line.	
84	David Dumas	48	Notre-Dame, Lévis	4	2	2		
85	Jos. Lachance	47	St. Laurent, Orleans	18	18	1		
86	Paul Paquet	43	St. John	4	3	3		
87	Alphonse Pouliot	49	Château Richer	3	3	2		
88	Elzéar Normand	42	L'Islet	4	2	2		
89	Jean-Bte. Bernier	42	"	22	22	1	Donaldson Line.	
90	Joseph Paquet	40	St. John, Orleans	2	4	3		
91	Jean A. Lachance	39	Quebec	3	5	3		
92	Arthur Baillargeon	44	"	9	8	1	Diamond Line.	
93	Joseph Vezina	40	St. Laurent, Orleans	4	3	3		
94	Herménégilde Guenard	43	St. Thomas, Montmagny	4	3	2		
95	Elzéar Desrosiers	48	Quebec	4	3	3		
96	Joseph A. Irvine	45	Green Island	0	0	0	Master Red Island Lightship.	
97	Frederick Bouffard	44	St. Laurent, Orleans	3	4	3		
98	Jules Asselin	40	St. Michel, Bellechasse	10	11	1	Employed by the Diamond Line.	
99	Prudent Marmen	42	Beauport	2	1	1	Suspended to July 18, 1902.	
100	Lucien Lachance	40	Quebec	14	16	1	Employed by the Thompson Line.	
101	Camille Bernier	43	do	15	19	1	Hamburg-American Packet Co. and Furness Withy.	
102	Moïse Blouin	50	St. John, Orleans	4	1	4		
103	Moïse <i>alias</i> Laurent Godbout	41	Quebec	2	3	2		
104	Alfred Godreau	48	Cap St. Ignace	4	2	3		
105	Alfred Raymond	40	Kamouraska	3	4	3		
106	Philéas Lachance	41	St. John, Orleans	14	15	1	Black Diamond Line.	
107	Joseph H. Talbot	39	Berthier	8	7	1	Donaldson Line. Elected director of the Corp. of Pilots at last election.	
108	Moïse Arthur Lachance	38	St. John, Orleans	4	3	3	Elected director of the Corp. of Pilots at last election.	
109	Louis Frs. Thivierge	35	"	4	3	3		
110	Jos. Emilien <i>alias</i> Emil Lachance	35	"	3	4	3		

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c -*Concluded.*

Number.	Name.	Age.	Residence.	NUMBER OF PILOTAGES EFFECTED.			Casualties and Remarks.
				Inwards.	Outwards.	Movages.	
111	Alphonse Asselin	36	Quebec	4	5	4	Employed by the Elder-Dempster Line.
112	Edmond Larochele.	35	St. Michel, Bellechasse	13	18	1	
113	Joseph Plante	35	St. Paul's Bay	4	2	3	
114	Alphonse Paquet	35	St. John, Orleans	6	6	1	Black-Diamond Line.
115	Paul <i>alias</i> Napoléon Pouliot	42	"	3	3	2	Elder Dempster Line.
116	Adéard Bernier	40	Quebec	16	17	1	
117	Adéard Vézina	31	St. Michel, Bellechasse	3	5	3	N. A. Transportation Con.
118	Jean-Bte. Pouliot	31	St. John, Orleans	8	9	1	
119	Joseph Thiverge	32	"	3	4	2	
120	Léonidas Lachance	31	"	3	3	2	
121	Eudore Langlois	39	"	3	3	2	
122	Frs.-X. Eustache <i>alias</i> Wm. Dolton	41	St. Joseph, Lévis	3	2	2	

Certified.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

JAS. WOODS,
Secretary-Treasurer.

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List of Apprentice Pilots immediately under the Quebec Harbour Commissioners Pilotage Authority on December 31, 1901.

<div><div><div><div></div><div><div>Z</div></div></div><div></div></div></div>	Names.	When Indentured.	Remarks.
1	Georges Dugas.....	April 11, 1871....	Absent since the fall of 1877.
2	Ernest Nolet.....	March 19, 1874....	Absent since the fall of 1878.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

Certified,
JAS. WOOD,
Secretary-Treasurer.

STATEMENT of Trials held during the year 1901, before the Quebec Harbour Commissioners, under the authority of the Pilotage Act, 36 Vic., chap. 54, and 45 Vic., chap. 32, sec. 4.

Name of Pilot Tried.	Nature of Complaint.	Date of Trial.	Result.
Prudent Marmen.....	For being in a state of intoxication when on duty as a pilot.	July 18...	Found guilty and suspended for twelve months.
Louis Honoré Lapierre..	For stranding ss. <i>Louisburg</i> on Red Island Shoal, on July 6.	July 18, 23	Found guilty and fined \$100.
Laurent Godbout.	For stranding Barge <i>Grundee</i> on Red Island Shoal (in tow of ss. <i>Louisburg</i>) on July 6.	July 18, 23	Found not guilty.
Alphonse Asselin.....	For grounding ss. <i>Catalone</i> in Crane Island on July 13.	July 26...	Found not guilty.
Jean-Baptiste Couillard.	For grounding ss. <i>Urania</i> off Lark Point on October 10.	Oct. 18, 21.	Found guilty and suspended for nine months.
Joseph Victor Gourdeau.	For running ashore the ss. <i>Alf</i> on St. Rochs Shoal at the foot of Traverse on November 26.	Dec. 13, 20 and 21.	Found not guilty.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1902.

Certified,
JAS. WOODS,
Secretary-Treasurer.

QUEBEC, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit to you a detailed statement, in duplicate, of the moneys received and expended for the Decayed Pilot Fund of Quebec for the year just ended ; also a similar statement, in duplicate, of the moneys received and expended by the Corporation of Pilots ; all of which revised and certified.

The total amount of receipts was

\$114,874 31

The total expenditure was

23,149 48

Leaving a net balance of

\$91,724.83

To be distributed among 116 pilots, giving a net dividend of \$791.
Forty-eight foreign vessels paid in \$3,588.57, and seven hundred and ninety-three British vessels paid in \$111,285.74.
Three pilots died during the year : Messrs. Alfred Dion, Jos. F. X. Bernier and Adélarde Sansterre.
All of which is respectfully submitted.

F. X. DION,
Secretary-Treasurer.

THE CORPORATION OF PILOTS.

STATEMENT of Moneys received and expended by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, during the year 1901.

RECEIPTS.	\$ cts.	Two Pilots at \$110.	\$ cts.
To balance of 1900	22,251 20	Pouliot, Paul.	110 00
Percentage on contributions of pilots...	7,942 81	Raymond, Léandre.	110 00
Interest on investments.	3,965 50		220 00
Interest from savings bank.....	720 99		
	34,880 50	One Pilot at \$70.	
EXPENDITURE.		Forbes, James, arrears.....	17 50
By pensions	9,083 24	" one year.....	70 00
By relief.....	500 00		87 50
General expenses.....	58 50	WIDOWS.	
Salaries	550 00	Twenty-eight Widows at \$88.	
Churchwardens of St. Valier, loan.....	7,000 00	Widow Audet, Georges dit Lapointe..	88 00
" St. Romuald, loan..	12,000 00	" Bernier, J. Bte	88 00
Deposit in savings bank.....	5,600 00	" Brown, Charles.....	88 00
Balance on hand.....	88 76	" Bouffard, David	88 00
	34,880 50	" Caron, Maximin.....	88 00
PENSIONERS RELIEVED BY THE FUND.		" Dufresne, Jérémie, pensioned	
Adam, J. E.....	200 00	February 27, 1901.....	59 50
Pouliot, Joseph, 3....	200 00	" Delisle, Magloire.....	88 00
Pouliot, Joseph, 1.....	50 00	" Dumas, Charles.....	88 00
Gourdeau, Théophile.....	50 00	" Dumas, Frs.. ..	88 00
	500 00	" Dion, J. Bte.....	88 00
		" Desprès, Auguste	88 00
PENSIONERS AT THE EXPENSE OF THE FUND.		" Godbout, Laurent.....	88 00
Amount paid to each during the year, from November		" Girard, Dominique, died Jan.,	
1, 1900, to November 1, 1901, inclusive, but		16, 1901.. ..	18 50
paid from January 1 to December 31,		" Gobeil, Antoine.....	88 00
1901.		" Jouvin, Hilaire.....	88 00
Seven Pilots at \$150.		" Laprise, Louis.....	88 00
Chassé, Jean, died Oct., 6, 1901.....	139 50	" Langlois, Paul.	88 00
Couillard, Jos. Ph	150 00	" Lavoie, Louis Joseph.....	88 00
Genest, Edouard.....	150 00	" Lapierre, Pierre.....	88 00
Dufresne, Jérémie, died Feb. 27, 1901..	48 84	" Lapointe, Antoine	88 00
Pouliot, Joseph.....	150 00	" Gobeil, Jean.....	88 00
Talbot, J.-Bte.....	150 00	" Marcoux, Edouard.....	88 00
Ménard, Régis.....	150 00	" Pelletier, Alexis	88 00
	938 34	" Demers, Victor.....	88 00
Three Pilots at \$136.		" Pouliot, Jean	88 00
Chouinard, Thomas.	136 00	" Vaillancourt, Alexandre.....	88 00
Cyrodeau, Nazaire (pension stopped)...	34 00	" Vézina, Charles.....	88 00
Pépin dit Lachance, Jos.....	136 00	" Baquet, Annibal.....	88 00
	306 00		2,366 00
Two Pilots at \$122.		Sixteen Widows at \$84.	
Dick, Ovide.....	122 00	Widow Coulombe, Jean.....	84 00
Lapointe, Cyrille.....	122 00	" Fontaine, Louis, died Jan., 15,	
	244 00	1901.....	17 50
One Pilot at \$120.		" Delisle, F. X	84 00
Pelletier, Francois	120 00	" Dumas, Hubert	84 00
		" Forgues, Narcisse.....	84 00
		" Fontaine, Pierre.....	84 00
		" Guénard, Michel.....	84 00
		" Lachance, Barthélemi.....	84 00
		" Lamarre, Jean Frs.....	84 00
		" Laprise, Jean	84 00
		" Lemieux, Pierre.....	84 00
		" Morency, Joseph.....	84 00
		" Ruelland, Pierre.....	84 00
		" Thiviérge, Louis.....	84 00
		" Delisle, Jean	84 00
		" Marticotte, Isaïe.....	84 00
			1,277 50

SESSIONAL PAPER No. 23

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the
Decayed Pilot Fund of Quebec, &c.—Continued.

<i>Eight Widows at \$52.</i>		\$	cts.	<i>Four Widows at \$51.</i>		\$	cts.
Widow Babin, Damase		82	00	Widow Dandurand, Jacques.....		51	00
" Demers, Edouard.....		82	00	" Morency, Guillaume.....		51	00
" Doiron, Eustache		82	00	" Pelletier, David F.....		51	00
" Fortin, Nicolas.....		82	00	" Dallaire, Napoléon.....		51	00
" Genest, Amable.....		82	00				
" Gaudreau, Frs.....		82	00			204	00
" Lapointe, Joseph.....		82	00	<i>Six widows at \$48.</i>			
" Leclerc, Louis Olivier, died November 3, 1901.....		82	78	Widow Caron, Fabien		48	00
		656	78	" Côté, Magloire.....		48	00
<i>Six Widows at \$80.</i>				" Langlois, Louis, died Mar. 14, 1901.....		18	00
Widow Cinq-Mars, David		80	00	" McNeil, Thomas.....		48	00
" Crépault, Louis.....		80	00	" Turgeon, Alfred		48	00
" Curodeau, Pierre.....		80	00	" Larochelle, Laurent.....		48	00
" Bernier, Joseph, pensioned April 18, 1901.....		42	90			258	00
" Mercier, Magloire.....		80	00	<i>Children.</i>			
" Roy, Alexis		80	00	Child of Boutin, Thos., arrears.. ..		11	20
		442	90	" " acct.....		11	20
<i>Ten Widows at \$75.</i>				" Couillard, Hilaire, arrears		22	40
Widow Desprès, Georges.....		75	00	" " acc.....		11	20
" Glenn, Dennis.....		75	00	" Dugas, Jean, arr.....		5	60
" Langleier, Fabien.. ..		75	00	" Dugas, Jean, year.....		22	40
" Langlois, Julien		75	00	" Forbes, James (2).....		41	20
" Laroché, J.-Bte.....		75	00	" Fortin, N., arr.....		16	80
" Lavoie, A. (L.M)		75	00	" Fortin, N., acc.....		16	80
" Noël, Henri.....		75	00	" Giroux, Jean		22	40
" Dion, Alfred, pensioned Jan. 6, 1901.....		61	35	" Langlois, Joseph.....		22	40
" Ross, Pierre.....		75	00	" Touissant, Pierre		22	40
" Fournier, Amable		75	00	" Plante, Joseph.....		22	40
		736	35	" Noël, François.....		22	40
<i>Eight Widows at \$72.40.</i>				" Chouinard, Charles.....		22	40
Widow Talbot, J.-Bte., died Mar. 30, 1901.		30	17	" Gobeil, Jean.....		22	40
" Langlois, Philéas		72	40	" Asselin, Louis.....		22	40
" Côté, François.....		72	40	" Dion, Charles.....		22	40
" Dion, Jean		72	40			360	40
" Koenig, C. F.....		72	40	RECAPITULATION OF PENSIONS.			
" Lachance, Ovide.....		72	40	7 Pilots at \$150.....		938	34
" Lévesque, Joseph.....		72	40	3 " 136.....		306	00
" Pineau, Benjamin.....		72	40	2 " 122.....		244	00
		536	97	1 " 120.....		120	00
<i>Six Widows at \$60.</i>				2 " 110.....		220	00
Widow Derosiers, P., died Dec. 15, 1900.....		7	50	1 " 70.....		87	50
" Côté, Celestin.....		60	00	16 Pilots.			
" Dion, Joseph		60	00	28 Widows at \$88		2,366	60
" Dion, Joseph, from 1897 at \$48 and \$75.....		63	00	16 " 84.....		1,277	50
" Lachance, F. X.....		60	00	8 " 82.....		656	78
" Turgeon, Edouard		60	00	6 " 80.....		442	90
" Doiron, Arthur, re-married on February 18, 1901.....		18	00	10 " 75.....		736	35
		328	50	8 " 72.40		536	97
				6 " 60.....		328	50
				4 " 51.....		204	00
				6 " 48.....		258	00
				92 Widows.			
				15 Children at \$22 40.....		360	40
						9,083	24
				In all 123 Pensioners.			

1-2 EDWARD VII., A. 1902

STATEMENT of Moneys received and disbursed by the Corporation of Pilots for the
Decayed Pilot Fund of Quebec, &c —*Concluded.*

DR.		CR.	
RECEIPTS.	\$ cts.		\$ cts.
To balance of 1900	22,251 20	By pensions and relief paid during the year 1901 :—	
To Trustees of Quebec roads, 1 year's interest to July 1, 1901, on \$22,800, at six per cent	1,368 00	By relief	500 00
The City of Quebec, class B., 1 year's interest at 7 per cent on \$9,000. . . .	630 00	By arrears of pensions to Dec. 31, 1900. Quarter ending January 31, 1901	73 50
Treasury Department, 1 year's interest to July 1, 1901, on \$20,000, at 5 per cent	1,000 00	" April 30, 1901	2,354 66
To Church Wardens of St. Fulgence, 1 year's interest on \$2,500, plus 6 months	187 50	" July 31, 1901	2,194 20
To Church Wardens of St. Valier, 1 year's interest to August 9, on \$8,000, at 4 per cent	320 00	" October 31, 1901	2,233 60
To Church Wardens of St. Romuald, 16 months' interest on \$12,000, at 4 per cent	240 00	By general expenses	2,227 28
To Corporation of Pilots, 1 year's interest on \$2,500, at 4 per cent	100 00	By salaries of secretary-treasurer and assistant	58 50
Thomas Gray, 1 year's interest on \$2,400, at 5 per cent	120 00	Loan to Church Wardens, St. Valier..	550 00
Savings banks, 1 year's interest, Banque Nationale and Quebec Bank	720 99	" " St. Romuald.	7,000 00
Contributions	7,942 81	Deposits in savings banks—Banque Nationale and Quebec Bank	12,000 00
		Balance on hand	5,600 00
			88 76
			34,880 50
	34,880 50	STATEMENT OF FUND.	
		Moneys loaned	86,200 00
		Moneys in savings bank	5,600 00
		Moneys in the hands of the sec.-treas. .	88 76
			91,888 76
		Deduct arr. of pensions due this day . .	117 90
			91,770 86

F. X. DION,
Secretary-Treasurer.

We, the undersigned, officially appointed to examine the books and accounts of the Corporation of Pilots, certify to having found them correct.

THOMAS BOISSINOT,
Accountant.

VITAL EPHREM CHAMBERLAND,
JOSEPH VICTOR GOURDEAU,
Auditors.

QUEBEC, December 31, 1901.

SESSIONAL PAPER No. 23

F. X. DION in current account with the Corporation of Pilots of Quebec to December 31, 1901.

DR.	\$ cts.	CR.	\$ cts.
To Balance of 1900.....	808 23	By Expenses pilots boats...\$	581 51
Reserve fund.....	500 00	Less.....	13 37
Pilots' retirement fund.....	1,000 00		568 14
Customs, Montreal.....	57,667 16	Expenses pilots.....	600 86
" Three Rivers.....	2,159 53	Pilot boat <i>D. Price</i>	48 10
" Sorel.....	447 48	" <i>La Mouette</i>	227 36
" Batiscan.....	253 24	" <i>La Vigie</i> ...	858 84
" St. Thomas.....	946 14	General expenses... ..\$	1,426 65
" Tadoussac.....	147 99	Less.....	73 80
" Chicoutimi... ..	582 45		1,352 85
" Trois Pistoles.....	229 27	Provisions.....\$	1,394 02
" Rivière du Loup.....	849 19	Less.....	17 93
Interests, Banque Nationale.....	99 80		1,376 09
Lost time.....	1,140 02	Rent.....\$	479 13
Fines.....	169 00	Less.....	50 00
Pilotage collected at Quebec.....	51,591 86		429 13
		Apprentices' wages.....	282 73
		Seamen's ".....	231 00
		Cooks' ".....	383 88
		Indemnity to directors.....	600 00
		" captains.....	260 00
		" Saguenay station ...	250 00
		Pilot boat shares.....	4,000 00
		Interest paid on loans	100 00
		Legal advisers.....	90 00
		Insurance.. ..	120 20
		Pilotage remitted.....	1,916 66
		Salaries of employees.....	1,550 00
		Decayed pilots' fund.....	7,903 64
		Retired ".....	1,000 00
		Reserve fund.....	500 00
		Dividends	93,411 00
		Balance....	521 88
	118,582 36		118,582 36

F. X. DION,
Secretary-Treasurer.

We, the undersigned, officially appointed to audit the books and accounts of the Corporation of Pilots, certify to having found them correct.

THOMAS BOISSINOT,
Accountant.

VITAL EPHREM CHAMBERLAND,
JOSEPH VICTOR GOURDEAU,
Auditors.

QUEBEC, December 31, 1901.

APPENDIX No. 10.

REPORT OF THE PILOTAGE AUTHORITY, VICTORIA, B.C., FOR YEAR
ENDED DECEMBER 31, 1901.

PILOTAGE AUTHORITY,
VICTORIA, B.C., January 9, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Commissioners, to transmit herewith the pilotage returns for the Pilotage District of Victoria and Esquimalt in the Province of British Columbia for the year ending December 31, 1901, as required by section 22 of chapter 80 of the Revised Statutes of Canada, 1886, in the belief that the same will reach you or your department in ample season for embodiment in the supplement to your annual report, of which kindly furnish me with a copy when issued as has hitherto been your custom.

I have the honour to be, sir,
Your most obedient servant,

EDGAR CROW BAKER,
Secretary-Treasurer, P. A.

PILOTAGE Returns, Victoria and Esquimalt Pilotage District, B.C.,
January 1 to December 31, 1901.

LIST OF LICENSED PILOTS.

No.	Name.	Age.	Date of Issue.	Seniority.	Remarks.
1	John Thompson.....	52	April 23, 1880...	Dec. 4, 1878 . . .	Originally a B. C. Pilot.
2	Samuel W. Bucknam.	51	March 6, 1891...	March 6, 1891...	Victoria and Esquimalt District.
3	John Newby	52	April 10, 1891...	April 10, 1891...	" " "
4	Thos. Bebbington.....	55	Feb. 25, 1893....	Feb. 25, 1893....	Originally a N.W. and Yale Pilot.

N.B.—The foregoing is a list of licensed pilots, who are the only ones who have prosecuted such calling in the above named district.

There are no masters and mates acting under license from this Pilotage Authority, all the certificates previously granted having expired by effluxion of time.

Clauses I., II., III., page 213, supplement to 19th annual report, with reductions on pages 200 and 201, supplement to 21st annual report, and also those on pages 181

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and 182, supplement to 26th annual report (*i.e.* Order in Council, July 1, 1893) apply to this year also.

Same Acts and parts of Acts as last year apply to 1901, and list of exempted vessels, and Puget Sound Rates remain the same.

EDGAR CROW BAKER,
Secretary-Treasurer.

VICTORIA, B. C., December 31, 1901.

PILOTAGE DUES collected, January 1 to December 31, 1901.

Month.	British.	Foreign.	Total.	Remarks.
	\$ cts.	\$ cts.	\$ cts.	
January.....	455 75	804 50	1,260 25	N.B.—The total \$16,688.12 does not include sums of \$400 collected from Puget Sound steamers and \$10.50 pilotage outwards in certain cases to the credit of Pilotage Authority.
February....	391 50	783 75	1,175 25	
March.....	510 50	1,109 00	1,619 50	
April.....	516 00	1,086 50	1,602 50	
May.....	617 50	1,025 25	1,642 75	
June.....	264 00	902 50	1,166 50	
July.....	481 50	909 00	1,390 50	
August.....	367 50	748 75	1,116 25	
September.....	644 00	773 50	1,417 50	
October.....	571 00	980 75	1,551 75	
November.....	457 00	752 75	1,209 75	
December.....	675 50	860 12	1,535 62	
	5,951 75	10,736 37	16,688 12	

EDGAR CROW BAKER,
Secretary-Treasurer.

VICTORIA, B.C., December 31, 1901.

Dr. RECEIPTS and EXPENDITURE, January 1 to December 31, 1901. Cr.

Date.	Nature of Receipt.	Amount.	Date.	Head of Service.	Amount.
1901.		\$ cts.	1901.		\$ cts.
January 1.....	To Balance from last year	1,312 94	January 9.....	By V. and E. pilots, division surplus, 1900.....	1,312 94
Jan. 1 to Dec. 31	Pilotage dues, 12 months.....	16,688 12	Jan. 1 to Dec. 31	V. and E. pilots, earnings as per receipts.....	15,019 31
" "	Certificate fees, Puget Sound Steamers	400 00	" "	Secretary-treasurer, 12 months' salary.....	600 00
" "	Pilotage outwards, in certain cases to credit of Pilotage Authority	10 50	" "	Office expenses, rent, fuel, light, &c.....	344 59
			December 31.....	Balance to credit of Pilotage Authority.....	1,134 72
		18,411 56			,18,411 56

Approved and certified correct.

JOHN G. COX,
A. B. FRASER, SR.,
WILLIAM GRANT,
JOSHUA KINGHAM.

Commissioners.

EDGAR CROW BAKER,
Secretary-Treasurer.

APPENDIX No. II.

REPORT OF THE PILOTAGE AUTHORITY OF NANAIMO, B.C., FOR
THE YEAR ENDED DECEMBER 31,1901.

NANAIMO, B.C., January 6, 1902.

To the Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

DEAR SIR,—I have the honour to inclose statement and accounts of Nanaimo Pilotage Authority for the year ending December 31, 1901, as required by the Pilotage Act, 1886.

I regret having to report the death of one of our pilots : Capt. Daniel Morrison, who died on Oct. 20, after a short illness.

On account of shipping being somewhat slack for the past few months, a successor to late pilot Morrison has not yet been appointed.

I have the honour to be, sir,
Your obedient servant,

TULLY BOYCE,
Secretary.

PILOTAGE Returns for the year ending December 31, 1901 :

LICENSED PILOTS.

Names of Pilots.	Age.
Bendrodt, James Peter	41
Christensen, James	60
Butler, James Edgar	40
Owen, William David	35
Yates, Albert Francis	49
Morrison, Daniel. Died Oct. 20.	

RATES OF PILOTAGE.

Half pilotage	\$1 per foot draught.
Full "	2 " "
Gulf "	10 per diem.
Special rates for Mail Steamers and Tugs.	

FULL PILOTAGE DUES collected January 1, 1901, to December 31, 1901.

	British.	Foreign.	Total.
	\$ cts.	\$ cts.	\$ cts.
January.....	696 00	1,213 00	1,909 00
February.	1,037 00	656 00	1,693 00
March.....	956 00	1,029 00	1,985 00
April.....	939 00	1,112 00	2,051 00
May	1,207 00	737 00	1,944 00
June.....	935 00	753 00	1,688 00
July.....	905 00	1,016 00	1,921 00
August.....	851 00	1,027 00	1,878 00
September.....	630 00	910 00	1,540 00
October.....	581 00	1,197 00	1,778 00
November.....	180 00	1,041 00	1,221 00
December ..	600 00	1,034 00	1,634 00
	9,517 00	11,725 00	21,242 00

HALF PILOTAGE DUES collected January 1, 1901, to December 31, 1901.

	British.	Foreign.	Total.
	\$ cts.	\$ cts.	\$ cts.
January.....		469 00	469 00
February.....		425 00	425 00
March.....	43 00	463 50	506 50
April.....		311 00	311 00
May.....		305 00	305 00
June.....	22 50	281 00	303 50
July.....	21 00	162 00	183 00
August.....		340 50	340 50
September.....	63 00	225 50	288 50
October.....		383 50	383 50
November.....		344 50	344 50
December.....		193 50	193 50
	149 50	3,904 00	4,053 50

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RECEIPTS AND EXPENDITURE from January 1, 1901, to December 31, 1901.

	\$	cts.		\$	cts.	\$	cts.
To Pilotage fees for twelve months as per statements inclosed.....	25,295	50	By Salary, secretary and treasurer.....	600	00		
			Office rent, Janitor, fuel and light.....	179	25		
			Printing, postage and stationery.....	61	20		
			Insurance, office fixtures and miscellaneous.....	56	15		
			Refunds.....	25	00		
			Donation to pilot Sabiston.....	600	00		
			Commission to collectors.....	370	17		
			Pilot station expenses.	1,840	73		
			Travelling and personal expenses. ...	2,626	00		
						6,358	50
			Net earnings.			18,937	00
	25,295	50				25,295	50

J. S. KNARSTON,
Acting Chairman.

TULLY BOYCE,
Secretary.

Approved and certified correct.

THOMAS O. CONNELL, } *Commissioners.*
HARRY B. SHAW. }

APPENDIX No. 12.

REPORT OF THE PILOTAGE AUTHORITY OF YALE AND NEW WESTMINSTER, FOR THE YEAR ENDED DECEMBER 31, 1901.

VANCOUVER, B.C., January 6, 1902.

The Honourable
The Minister of Marine,
Ottawa.

SIR,—I have the honour to inclose statement of affairs of the Yale and New Westminster Pilotage Authority for the year just ended, 1901. At a meeting of the Commissioners held to-day, my accounts were audited and signed by Mr. C. J. Major, Commissioner, for Chairman, and was instructed to forward to you.

These I now inclose,—receipts and expenditure, ledger balance and statement. I send copy of the same to your Dominion Marine Agent at Victoria, Capt. J. Gaudin.

I have the honour to remain, sir,
Your obedient servant,

C. GARDINER JOHNSON,
Secretary Yale and New Westminster Pilotage Authority.

No. of License.	Name of Pilot.	Age.	Service in.	Remarks.
1 First Class.	William Ettershank.....	59	Licensed to pilot vessels of any size or description within the limits of Yale and New Westminster Pilotage Authority.	Active.
2 "	George W. Robertson....	51		"
3 "	H. Robson Jones	46		"
4 Third Class.	Edward C. Bridgman....	55		"
5 "	Donald Patterson.....	40		"

NOTE.—Pilotages due now in force are same as approved by Order in Council, Saturday, the 23th day of April, 1894.

INWARDS.

63 British steamers inwards.....	\$ 2,708 00
269 Foreign steamers inwards.....	4,678 30
18 British sailers inwards.....	624 25
35 Foreign sailers inwards	794 50
	—————\$ 8,805 05

OUTWARDS.

62 British steamers outwards.....	\$ 3,181 75
269 Foreign steamers outwards.....	4,746 75
18 British sailers outwards.....	683 50
35 Foreign sailers outwards	1,227 00
	—————\$ 9,839 00
	—————\$ 18,644 05

Remaining in port December 31, 1901.—*Empress of India*, \$66.25; *Athenian*, \$52.50; *Aorangi*, 58.75; *Greta*, \$43.75; *Greta*, \$31.; *Elizabeth Nicholson*, \$28.00; *Beechdale*, 40.25.

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RECEIPTS.

Balance in bank, January 5, 1901.....	\$ 671 47
Pilotage earnings for the year 1901.....	18,644 05
	<hr/> \$ 19,315 52

DISBURSEMENTS.

Paid pilots, January 5, 1901.....	\$ 671 47
Paid pilots during year 1901.....	13,333 69
Office expense account ".....	931 20
Pilotage expense account 1901.....	3,445 99
Balance in bank.....	933 17
	<hr/> \$ 19,315 52

C. GARDINER JOHNSON,
Secretary Yale and New Westminster Pilotage Authority.

Approved,

C. G. MAJOR,
for Chairman.

VANCOUVER, B. C., January 6, 1902.

LEDGER BALANCE.

Assets.

Bank of Montreal.....	\$ 933 17
Bank of Montreal—	
Savings department.....	\$ 546 33
Interest, 1901.....	16 38
	<hr/> \$ 562 71
	<hr/> \$ 1,495 88

Liabilities.

Reserve fund.....	\$ 546 33
Interest, 1901.....	16 38
	<hr/> \$ 562 71
Pilotage earnings undisbursed.....	933 17
	<hr/> \$ 1,495 88

C. GARDINER JOHNSON,
Secretary Yale and New Westminster Pilotage Authority.

Approved,

C. G. MAJOR,
for Chairman.

VANCOUVER, B.C., January 6, 1902.

APPENDIX No. 13.

REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX, FOR THE
YEAR ENDED DECEMBER 31, 1901.

HALIFAX, N.S., January 17, 1902.

Hon. Minister Marine and Fisheries,
Ottawa.

SIR,—I beg leave to transmit for the information of the department the inclosed returns of the Pilotage District of Halifax, N.S., viz. :—
Statement of receipts and expenditures
Statement of superannuation fund.
Return inwards of British and Foreign vessels.
Return outwards of British and Foreign vessels.
List of licensed pilots.
List of pensioners.
Balance sheet.

Respectfully,
Your obedient servant,

J. TAYLOR WOOD,
Secretary-Treasurer.

OFFICE OF PILOT COMMISSIONERS,
HALIFAX, N.S., December, 31, 1901.

RECEIPTS AND EXPENDITURES.

DR.	\$ cts.	CR.	\$ cts.
Salary	600 00	Balance on hand, Dec. 31, 1900.....	1,332 33
Rent.	325 00	Outward pilotage.....	2,085 30
Printing, telephone, legal expenses, &c.	512 61	Commissions	1,575 81
Superannuation fund.....	3,168 78	Interest..	862 22
Deposit savings bank.		Licenses, bonds, &c.....	40 31
Balance	1,289 58		
Total	5,895 97	Total	5,895 97

J. TAYLOR WOOD,
Secretary-Treasurer.

E. & O. E.
Examined and found correct.

HALIFAX, N.S., January 17, 1902.

GEO. MITCHELL, *Auditor.*

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SUPERANNUATION FUND.

DR.	\$ cts.	CR.	\$ cts.
Union Bank	430 13	Balance, December 31, 1900.....	18,658 80
" special	1,000 00	Commissions.....	784 70
Savings Bank.	7,515 73	Interest.....	862 22
Dominion stock.....	11,947 93	Licenses, fines, &c.....	20 00
		Transferred from general account....	1,501 86
			21,827 58
		Less paid pensions.....	933 75
Total	20,893 83	Total ..	20,893 83

J. TAYLOR WOOD,
Secretary-Treasurer.

E. & O. E.

Examined and found correct.

HALIFAX, N.S., January 17, 1902.

GEO. MITCHELL, *Auditor.*

RETURN of Vessels entered Inwards at the Port of Halifax, N.S., from January 1, 1901,
to December 31, 1901, subject to compulsory Pilotage.

BRITISH.

Schooners.	Brigantines.	Barkentines.	Barks.	Ships.	Barges.	Steamers.	Tonnage.	Pilot Fees.
								\$ cts.
95	7	5	.....	.....	30	585	887,790	14,389 70

FOREIGN.

37	2	6	26	1	2	136	202,244	3,791 60
----	---	---	----	---	---	-----	---------	----------

RETURN of Vessels entered Outwards at the Port of Halifax, N.S., from January 1, 1901,
to December 31, 1901, subject to compulsory Pilotage.

BRITISH.

Schooners.	Brigantines.	Barkentines.	Barks.	Ships.	Barges.	Steamers.	Tonnage.	Pilot Fees.
33	2	.....	.....	3	556	859,342	7,719 40

FOREIGN.

10	2	6	26	1	2	130	194,895	2,031 80
----	---	---	----	---	---	-----	---------	----------

J. TAYLOR WOOD,
Secretary-Treasurer.

1-2 EDWARD VII., A. 1902

OFFICE OF PILOT COMMISSIONERS,
HALIFAX, N.S., December 31, 1901.

List of Pilots, Port of Halifax.

No.	Name.	Residence.	Age.
1	.....	.....	.....
2	William Fleming	Halifax	35
3	James Holland.	Duncan's Cove...	65
4	William Baker.....	Halifax.....	66
5	.....	.....	.....
6	Frank Thomas	Herring Cove.....	26
7	.....	.....	.....
8	William Hayes.....	Herring Cove.....	27
9	Hugh Monroe	Halifax.....	66
10	.....	.....	.....
11	Edward Bayers.....	Halifax.. . . .	60
12	James Hanrahan.....	Ferguson's Cove...	64
13	William Beazely.....	"	61
14	John Hayes	Halifax.. . . .	51
15	James Spears	"	43
16	John F. Beazely	"	41
17	William Gorhan	Herring Cove.....	27
18	Charles F. Martin	Halifax.....	36
19	William White	Ferguson's Cove	44
20	Thomas Hayes.....	Halifax.....	42
21	Thomas Reno.....	Herring Cove.....	41
22	Frank Mackey	Halifax.....	29
23	Henry Latter.....	"	37
24	.....	.....	.....
25	.....	.....	.....
26	James Fleming.....	Halifax.....	62

J. TAYLOR WOOD,
Secretary-Treasurer.

List of Persons on the Pension Roll.

Name.	Age.	Residence.	Amount of Pension allowance.
John Fleming	88	Ketch Harbour	\$ cts. 150 00
John Johnston.....	78	Bear Cove.....	150 00
Patrick Hayes.....	79	Herring Cove.....	150 00
Bernard Gallagher	76	Halifax.....	150 00
Joseph Reno.....	75	Herring Cove.....	150 00
Jeremiah Holland.....	69	Duncan's Cove.....	150 00
Mrs. L. Nickerson	67	Sambro	30 00
Mrs. Mary Smith.....	65	Halifax.. . . .	30 00
Mrs. Mary Glazebrooke	56	"	30 00
Mrs. Charles Martin.....	69	"	30 00
Mrs. Daniel Martin.....	43	"	30 00
Thomas Martin.....	15	"	15 00
Elizabeth Martin	9	"	15 00
Barbara Martin.....	8	"	15 00
Catherine Martin.....	6	"	15 00
Mary Glazebrook.....	12	"	15 00
Charles Glazebrook.....	10	"	15 00
			1,140 00

J. TAYLOR WOOD,
Secretary-Treasurer.

SESSIONAL PAPER No. 23

OFFICE OF PILOT COMMISSIONERS,
HALIFAX, N.S., December 31, 1901.

BALANCE SHEET.

Dr.	\$ cts.	Cr.	\$ cts.
Cash.....	1,289 58	Commissioners' Fund.....	20 31
Union Bank, special deposit.....	1,000 00	Superannuation ".....	20,893 83
" ..superannuation.....	430 13	Outward pilotage.....	1,269 27
Savings Bank.....	7,515 73		
Dominion stock.....	11,947 97		
	22,183 41		22,183 41

E. & O. E.

J. TAYLOR WOOD,
Secretary-Treasurer.

The foregoing is a correct balance sheet to December 31, 1901.

GEO. MITCHELL,
Auditor.

APPENDIX No. 14.

REPORT OF PILOTAGE AUTHORITY FOR DISTRICT OF MIRAMICHI,
N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

NEWCASTLE, MIRAMICHI, January 4, 1902.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose herein the pilotage returns of the district of Miramichi, N.B., for the year ended December 31, 1901.

I am, sir,
Your obedient servant,

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., year ending
December 31, 1901.

Class of Vessel.	No.	Total.
Vessels reported inwards—		
British steamers	35	
" sailing vessels.....	21	
Foreign steamers.. ..	15	
" sailing vessels.....	65	136
Vessels reported outwards—		
British steamers	35	
" sailing vessels.....	20	
Foreign steamers.. ..	15	
" sailing vessels.....	65	135
Vessels removed—		
British steamers.....	13	
" sailing vessels.....	2	
Foreign steamers.....	7	
" sailing vessels	18	40

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

SESSIONAL PAPER No. 23

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ending December 31, 1901.

Class of Vessel.	Amount.	Total.
	\$ cts.	\$ cts.
Total amount of pilotage inwards—		
British steamers.....	2,084 21	
" sailing vessels.....	450 40	
Foreign steamers.....	849 32	
" sailing vessels.....	1,859 56	5,243 49
Total amount of pilotage outwards—		
British steamers.....	2,416 38	
" sailing vessels.....	511 50	
Foreign steamers.....	959 39	
" sailing vessels.....	2,320 00	6,207 27
Total amount for removals —		
British steamers.....	104 00	
" sailing vessels.....	30 00	
Foreign steamers.....	62 00	
" sailing vessels.....	132 00	328 00
		11,778 76

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ending December 31, 1901.

No.	Names of Boats.	Tonnage.	Captains.	First Licensed	Last Licensed.
15	<i>Princess Louise</i>	20·85	A. Walls.....	May, 1879....	
16	<i>Senator Snowball</i>	30·95	J. A. Nowlan....	" 1897. . .	
17	<i>Mabel</i>	22·	George Savoy.	" 1900....	

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

NATIONALITY of Vessels piloted inwards, year 1901.

British.....	No. 56	Swedish.	No. 4
Norwegian.....	53	Danish	2
Italian	8	French.....	1
American.. . . .	7	Austrian	1
Russian	3	German.....	1
Total vessels piloted.....			136

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

RATES of Pilotage chargeable at Miramichi, N.B., on all vessels, British and Foreign, for the year 1901.

When inward bound.....	\$2.25 per foot.
And in addition to the above for all vessels propelled wholly or in part by steam....	2c. per reg. ton.
When outward bound.....	\$2 per foot.
And in addition to the above for all vessels propelled wholly or in part by steam	2c. per reg. ton.
For the removal and mooring of vessels over 300 tons.....	\$4.
And where the distance of removal exceeds four miles, fifty per cent additional on the above rate. Removals within a distance of one mile are not compulsory, but when the pilots are requested by captains to perform the service the charge is.....	\$4.
Steam tug boats towing one or more coal barges with cargo inwards may depart outwards after having paid full pilotage for tug, and barges inwards without paying any out-ward pilotage except on the tug.....	

STATEMENT showing the yearly expenditure by the Pilots on account of Pilot Schooners during the past eight years.

Name of Boats.	Paid by Pilots in 1894.	Paid by Pilots in 1895.	Paid by Pilots in 1896.	Paid by Pilots in 1897.	Paid by Pilots in 1898.	Paid by Pilots in 1899.	Paid by Pilots in 1900.	Paid by Pilots in 1901.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Princess Louise.....	391 84	381 21	329 14	305 05	322 19	395 46	351 30	298 83
Senator Snowball				325 32	329 23	442 63	376 99	360 66
Mabel.							199 47	
Total.....	391 84	381 21	329 14	630 37	651 42	838 09	927 76	659 49

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

SESSIONAL PAPER No. 23

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., year ending December 31, 1901.

No.	Name.	Age.	For what service.	Remarks.
2	Louis Jimmo.....	47	Full license..	
6	Francis Martin	67	"	
7	Maxime Martin.....	56	"	
9	Angus McLean.....	68	"	
10	Alex. Wilson.....	55	"	
11	Robt. J. Walls	50	"	
22	Wm. Walls, sr.....	47	"	
26	John McCallum.....	49	"	
27	James Nowlan	50	"	
28	Dudley P. Walls.....	55	"	
29	George Sutton.....	50	"	
30	James A. Nowlan	46	"	
31	George T. Tait	44	"	
32	Joseph Jimmo.....	46	"	
33	James McCallum	57	"	
35	John Martin.....	42	"	
36	Asa Walls.....	42	"	
37	Wm. Walls, jr	44	"	
38	John Nowlan.....	45	"	
39	Patrick Nowlan.....	42	"	
40	Hugh McLean	34	L'e'nse for inw'd only	License cancelled.
41	Michael J. Jimmo.....	34	Full license.....	
42	George M. Nolan	45	"	
43	Christopher C. McLean.....	54	"	
44	George Savoy	57	"	

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

The Miramichi Pilots in account with R. R. Call, Secretary-Treasurer.

1901.	DR.	\$	cts.
June 6.	To paid R. J. Walls, insurance seine	9	00
" 6.	J. A. Nowlan, fitting out <i>Senator Snowball</i>	48	45
" 6.	R. J. Walls, cleaning pilots' office.. ..	3	50
" 6.	W. S. Loggie Co., account <i>Princess Louise</i> . . .	15	71
" 6.	Asa Walls, fitting out "	40	00
" 6.	J. B. Snowball Co., account "	2	73
" 6.	George Stothart, account <i>Senator Snowball</i> .. .	14	99
" 6.	" " " <i>Princess Louise</i>	12	46
Aug. 1.	R. J. Walls, to retire note on account legal expenses....	50	00
" 17.	John Martin, amount J. D. Creaghan's account.....	13	44
" 17.	George Watt, account <i>Princess Louise</i>	25	31
" 17.	John Wilson, account <i>Senator Snowball</i>	30	17
" 17.	Asa Walls, account <i>Princess Louise</i>	15	50
" 17.	E. Burke, account <i>Senator Snowball</i>	8	30
" 17.	" " <i>Princess Louise</i>	1	10
" 17.	R. J. Walls, to pay for wreath	14	50
" 17.	J. B. Snowball, account <i>Senator Snowball</i>	22	40
" 17.	R. J. Walls, changing stones for buoys.....	3	00
" 17.	George Watt, account <i>Senator Snowball</i> . . .	25	52
Sept. 18.	Miramichi Steam Navigation Co., tickets, &c.....	8	20
" 18.	Miller's Foundry, on account <i>Senator Snowball</i>	12	50
" 18.	C. A. Gunn, repairing anchor.....		80
" 18.	George Watt, on account schooner <i>Princess Louise</i>	9	49
" 18.	D. G. Smith, amount of account printing.....	3	50
" 18.	James P. Searle, rent pilots' office to April, 1902	20	00
Oct. 18.	H. W. Fleigher, account schooner <i>Senator Snowball</i>	1	85
" 18.	M. A. Goggan, " " "	1	55
" 18.	R. J. Walls, refund barque <i>Arizona</i> , move.....	6	00
" 18.	Capt. Weatherbie, schooner <i>McClure</i> , being half outward pilotage account not getting pilot	11	00
" 18.	Paid Alex. Martin pension.	75	00
Nov. 5.	Exp's Joseph Jimmo, Pictou, for ss. <i>Micmac</i>	6	27
" 18.	A. C. McLean on account <i>Princess Louise</i>	4	84
" 18.	" " schooner <i>Senator Snowball</i>	3	42
" 18.	Burr & Co., " " "	2	10
" 18.	W. S. Loggie Co., " " "	20	56
" 29.	Michael Bransfield, putting pilot on ss. <i>Salerno</i> .. .	3	00
Dec. 3.	George Watt, account <i>Senator Snowball</i>	2	53
" 3.	E. Johnson, stationery for pilots' office.....	1	68
" 3.	A. C. McLean, pipe "		85
" 3.	W. S. Loggie Co., account <i>Princess Louise</i>	5	13
" 3.	A. & R. Loggie, rent warehouse to November, 1901.....	10	00
" 7.	Anslow Bros., printing.....	3	85
" 9.	George Watt, account <i>Princess Louise</i>	3	95
" 12.	J. B. Snowball Co., account <i>Princess Louise</i>	1	63
" 12.	R. R. Call, Secretary-Treasurer, commission on \$12,198.76 at 3 per cent. . .	365	96
" 12.	" " pilotage and stationery.	3	80
" 12.	One pilot return on account seine \$9 and \$10.....		95
" 18.	Twenty pilots, \$9,292 ; four pilots, \$1,899.47 and one pilot, \$60.....	11,252	27
1901.	CR.	12,198	76
Dec. 18.	By amount collected pilotage inwards.....	\$ 5,243	49
" 18.	" " outwards.....	6,207	27
" 18.	" removals	328	00
" 18.	paid in from outside.....	420	00
		12,198	76

NEWCASTLE, MIRAMICHI, N.B.,
December 31, 1901.

R. R. CALL,
Secretary-Treasurer to Pilotage Commissioners.

J. C. MILLER,
Chairman.

SESSIONAL PAPER No. 23

APPENDIX No. 15.

REPORT OF THE PILOTAGE AUTHORITY OF THE COUNTY OF CHARLOTTE, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.

ST. ANDREWS, N.B., December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Canada.

SIR,—I have the honour to inclose herewith, pilotage returns for the district of the County of Charlotte, Province of New Brunswick, for the year ending December 31, 1901.

I am, sir, your most obedient servant,

C. E. O. HATHEWAY,
Commissioner and Secretary.

PILOTAGE Returns for the County of Charlotte, Province of New Brunswick, for year ending December 31, 1901.

Pilots Acting.	Residence.	Age.
Joseph Boyd.....	Campobell.....	66
Wellington Cline.....	West Hes.....	60

Pilot Boat License.

Schooner *Cruso*, ten tons register Joseph Boyd, master.

Licenses granted to Masters.

Name.	Description of Vessel.	Tonnage.	Where registered.
George E. Wadman.....	Barge.....	439	Parrsboro, Nova Scotia.
Thomas H. Salter.....	".....	433	" "
N. Macnamara.....	".....	431	" "

Pilot's license granted to Joseph Boyd, for one year.

Amount of Pilotage collected by Pilots.

British vessels, \$81 ; foreign vessels, \$153.20 ; total, \$234.20.

Description of Vessels piloted.

Five schooners Foreign 1,317 tons.
Three " British. . . . 666 " total 1,983 tons.

Receipts by Pilotage Authority.

License to one pilot boat	\$ 5 00
" one pilot "	6 00
" three masters	18 00
	—————\$29 00

Charges.

Stationery, postage, &c.	\$ 1 00
Commission, St. Stephen and St. George.	5 00
Commissioner and Secretary, St. Andrews	23 00
	—————\$29 00

C. E. O. HATHEWAY,
Commissioner and Secretary.

ST. ANDREWS, N.B., December 31, 1901.

Rates of Pilotage in the District.

Longest pilotage, inwards or outwards, \$2.25 per foot draught of water.
Second " " 1.60 "
Third " " 1.50 "
From or to Campobello, 20 cents per foot less than above rates.
Fourth pilotage inwards or outwards, \$1 per foot draught of water.
From first of November to first of April, 20 cts. per foot in addition to above rates.
To or from St. Andrews harbour to ballast ground, vessels 80 tons and under 300 tons, \$2.50 each.
Vessels 300 tons and upwards, \$3 each.
Removing a vessel from loading place or harbour to any other loading place or harbour inside St. Andrews Bay, vessels 80 tons up to 200 tons, \$4 ; over 200 tons and up to 300 tons, \$5 ; over 300 tons and up to 400 tons, \$6 ; exceeding 400 tons, \$8 each.
Removing a vessel from any loading place or harbour inside St. Andrews Bay to any harbour or loading place outside St. Andrews Bay and within the district, pilotage inwards or outwards, vessels 80 tons and under 200 tons, \$6 ; 200 tons and under 300 tons, \$8 ; 300 tons and under 400 tons, \$10 ; 400 tons and upwards, \$12 each.

C. E. O. HATHEWAY,
Commissioner and Secretary.

ST. ANDREWS, N.B., December 31, 1901.

APPENDIX No. 16.

REPORT OF THE PILOTAGE AUTHORITY OF BATHURST, N.B., FOR THE YEAR ENDED DECEMBER 31, 1901.
RETURN showing the number of vessels, pilotage rates and disbursements for the Pilotage District of Bathurst, N.B., season 1901.

Pilots.	BRITISH VESSELS.				FOREIGN VESSELS.				Grand Total.	Disbursements.		
	Inwards.		Outwards.		Inwards.		Outwards.			To whom.	Amount.	
	Total.		Total.		Total.							
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.				
		\$	cts.		\$	cts.		\$	cts.		\$	cts.
Nazaire Hachey.....	2	44 49	2	26 00	15	322 55	15	216 40	538 95	609 44	Pilots Ronalds, Daly and Hachey...	578 97
Fred. Ronalds.....											Commissioners and Secretary	30 47
Wm. H. Daly.												609 44

Pilotage rates—

Outside bar, 80c. per foot inwards and \$1.00 per foot outwards.
Inside bar, \$1.00 “ “ 1.20 “
Steamers 1c. per ton extra.

Commissioners—

JOHN E. O'BRIEN, Chairman.
P. J. BURNS,
SAMUEL MELANCON,
THOS. LEAHY,
F. CURRAN.

J. H. STEWART,
Secretary.

APPENDIX No. 17.

REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN, N.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.OFFICE OF PILOTAGE AUTHORITY,
DISTRICT OF ST. JOHN, N.B., January 3, 1902.F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.SIR,—Herewith please find our annual returns, for pilotage, for this district, for
the year ended December 31, 1901, all of which we trust you will find in order.I have the honour to be, sir,
Your obedient servant,J. U. THOMAS,
Secretary St. John Pilot Commissioners.

STATEMENT of Receipts and Expenditures for year ended December 31, 1901.

INCOME ACCOUNT.		\$	cts.	\$	cts.
RECEIPTS.					
Licenses to 27 pilots at \$5.		135	00		
" 5 Boats at \$10		50	00		
				185	00
25 cents per foot on outward pilotage from Port of St. John to date ..		2,337	55		
25 " " " " Musquash to date ...		12	50		
				2,350	05
EXPENDITURES.					
J. & A. McMillan, stationery		20	35		
Auditing accounts for 1900		25	00		
Office rent, one year to November 1, 1901 ..		100	00		
Salary, Secretary-Treasurer, one year to date		800	00		
				945	35
Amount transferred to Pilot Fund Account				1,589	70
				2,535	05

J. U. THOMAS,
Secretary.

SESSIONAL PAPER No. 23

STATEMENT of Pilot Fund Account for year ended December 31, 1901.

PILOT FUND ACCOUNT.		\$	cts.	\$	cts.
DR.					
To pensions paid 4 pilots		836	25		
" widows and children.. ..		956	25		
				1,792	50
To funeral expenses, two pilots.....		40	00		
				40	00
To balance.....				10,155	06
				11,987	56
CR.					
By balance, December 31, 1900				10,123	81
Interest on Dominion Savings Bank deposit, 12 months to July 1, 1901 :—					
Per Pass Book No. 744.....		136	37		
" No. 10260.....		137	88		
				274	05
Amount carried from income account.....				1,589	70
				11,987	56
By balance to credit of Pilot Fund Account, December 31, 1901.				10,155	06

J. U. THOMAS,
Secretary.

STATEMENT of Finances of the St. John Pilot Commissioners, as per audit
December 31, 1901.

INVESTMENT ACCOUNT.		\$	cts.	\$	cts.
On deposit in Dominion Savings Bank, per Pass Book, No. 744.....		4,675	31		
" " " " " No. 10260.		4,734	42		
				9,409	73
CURRENT ACCOUNT.					
On deposit in Bank of New Brunswick.....				745	33
				10,155	06

J. U. THOMAS,
Secretary.

Pilots' individual earnings for year 1901.

	\$	cts.	\$	cts.
Total amount of pilotage received.....	37,903	05		
LESS—25 cents per foot deducted from outward pilotage for office ex- penses, Pilot Fund, &c.....	2,337	55		
			35,565	50
Contra.				
Bennett, James.....	1,715	50		
Cline, Richard.....	2,410	69		
Cline, Richard B.....	1,328	90		
Cline, Alfred.....	867	42		
Doyle, James.....	2,019	35		
Doherty, Joseph.....	3,041	56		
Daley, Charles.....	587	88		
Lahey, William.....	1,316	50		
Lahey, Frank L.....	1,517	18		
Mantle, James E.....	783	22		
Miller, James H.....	1,827	96		
Murray, William.....	1,768	65		
Quinn, William.....	1,246	66		
Rogers, Bart.....	1,764	95		
Reed, James.....	682	05		
Spears, Henry.....	1,852	90		
Spears, John.....	94	50		
Spears, Martin.....	1,089	42		
Spears, James S.....	579	13		
Scott, William.....	621	26		
Scott, Richard.....	475	80		
Stone, Thomas J.....	1,785	80		
Sherrard, John L. C.....	1,242	95		
Thomas, John S.....	2,362	42		
Thomas, Robert.....	522	25		
Traynor, Thomas.....	2,060	60		
			35,565	50

J. U. THOMAS,
Secretary.

RETURN of Vessels arriving at the Port of St. John, N.B. (subject to Pilotage) for the
year ending December 31, 1901.

	British.	Foreign.	Total.
Schooners.....	141	225	366
Brigs and brigantines.....	10	1	11
Barques and barquentines.....	21	31	52
Ships.....	2	7	9
Steamers.....	202	32	234
	376	296	672
Amount of pilotage received.....	\$26,701 08	\$11,201 97	\$37,903 05

J. U. THOMAS,
Secretary.

SESSIONAL PAPER No. 23

LICENSED Pilots, Port of St. John, N.B., for the year 1900-1901.

Name.	Age.	Residence.	Remarks.
Bennett, James	44	St. John, N.B.	
Cline, Richard	76	"	
Cline, Richard B.	31	"	
Cline, Alfred	44	"	
Conlin, Patrick	51	"	
Doyle, James	64	"	
Doherty, Joseph	55	"	
Daley, Charles	65	"	
Lahey, William	72	"	
Lahey, Frank L.	30	"	
Mantle, James E.	55	"	
Miller, James H.	24	"	
Murray, William	27	"	
Quinn, William	54	"	
Rogers, Bart	44	"	
Reed, James	55	"	
Spears, Henry	50	"	
Spears, John	52	"	
Spears, Martin	44	"	
Spears, James S.	56	"	
Scott, William	45	"	
Scott, Richard	50	"	
Stone, Thomas J.	48	"	
Sherrard, John L. C.	67	"	
Thomas, John S.	55	"	
Thomas, Robert	60	"	
Traynor, Thomas	48	"	
McAnulty, John	63	Musquash, N.B.	Licensed for Musquash only.

J. U. THOMAS,
Secretary.

APPENDIX No. 18.

REPORT OF THE PILOTAGE AUTHORITY OF SHEDIAC, N.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.

PILOTAGE OFFICE,
SHEDIAC, N.B., January 8, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—The Pilotage Authority of the Port of Shediac, N.B., beg leave to submit the following report for the year ending December 31, 1901.

Names of Pilots in District.	Age.	Service.
1. Edward McDonald.....	67	Full district.
2. Docity P. LeBlanc.....	61	"
3. Thomas McGrath.....	53	"
4. Olaf Hendrickson.....	47	"
5. Paul P. LeBlanc.....	54	"

Number of vessels reported liable to pay pilotage :—

	Inwards.	Outwards.
British sailing vessels.....	2	2
Foreign ".....	10	10
	<hr/> 12	<hr/> 12

Nationality of above vessels reported inwards during 1901 :

British.....	2
Norwegian.....	10
Total.....	<hr/> 12

The total amount received for pilotage services for the year was as follows :—

From Foreign vessels.....	\$469 85
From British vessels.....	69 00
Total.....	<hr/> \$538 85

This amount was all paid to the above pilots, less commission 2 p.c.

The rates of pilotage for the district are as follows :—

For pilotage inwards and outwards, \$1.50 per foot draught of water. Each remove \$1.

Yours respectfully,

W. A. RUSSELL,
Secretary to the Pilotage Commission of Shediac.

APPENDIX No. 19.

REPORT OF THE PILOTAGE AUTHORITY FOR THE PILOTAGE DISTRICT OF ST. MARY'S AND LISCOMB, N.S.,
FOR THE YEAR ENDED DECEMBER 31, 1901.

To the Minister of Marine and Fisheries at Ottawa.

SIR,—Please find inclosed the Pilotage returns for the Pilotage District of St. Mary's and Liscomb for the year ending December 31, 1901, which I hope you will find correct ; also Harbour Master's returns for same year up to May 30, 1901.

Liscomb, January 2, 1902.

Report of Pilot Commissioners for the Pilotage District of St. Mary's and Liscomb from December 31, 1900, to
December 31, 1901.

WILLIAM PRIDE, *Secretary.*

EDWARD QUINN, PILOT No. 1, FOR ST. MARY'S.

Date of Arrivals.	Where from.	Rig.	Name of Vessel.	Port of Registry.	Registered Tonnage.	Name of Master.	PILOTAGE COLLECTED.		
							Inwards.	Outwards.	Total.
1901.							\$ cts.	\$ cts.	\$ cts.
Nov. 7.	Halifax.	Schooner.	Grequilaud.	Windsor, N.S.	165	Peters.	5 00	7 00	12 00
" 19.	Galloway.	Barque.	Y. B. Lovett.	Yarmouth, N.S.	750	Haynes.	9 00	11 00	20 00
			On government steam dredge St. Lawrence	50 days \$3.00.					150 00
									182 00

* This being 4 less in charge of tug.

JOHN BURNS, PILOT No. 2, FOR ST. MARY'S

Oct. 15.		Schooner.	Louisa.	Portland, Me.	525	McKenne.	9 00	11 00	20 00
Nov. 10.	Liverpool.	"	J. B. Dexter.	Liverpool, N.S.	140	Armstrong.	5 00	7 00	12 00
									32 00

+ 4 less in charge of tug.

Report of Pilot Commissioners for the Pilotage District of St. Mary's and Liscomb from December 31, 1900 to December 31, 1901. *Concluded.*

HENRY PYE, PILOT No. 1, FOR LISCOMB.

Date of Arrivals.	Where from.	Flag.	Name of Vessel.	Port of Registry.	Registered Tonnage.	Name of Master.	PILOTAGE COLLECTED.		
							Inwards.	Outward.	Total.
							\$ cts.	\$ cts.	\$ cts.
1901.									
May 15.	Havre	Barque.....	Bastoe.....	Amundale, Nor	777	Olsen	14 00	16 00	30 00
" 28.	Amundale.	"	Charlotte Padburg ..	" way.	580	Amensen	12 00	14 00	26 00
July 5.	Pictou.	S. Ship.....	Mie Mac	Pictou.....	1,600	Mickel	14 66	16 00	30 66†
Aug. 15.	Belfast ..	Barque.....	Agusta.....	Norway.....	380	.....	9 00	10 00	19 00
Oct. 14.	Dundark	Barquentine ..	Lenark.....	Russia.....	365	A. Dambé	9 00	.....	9 00
Nov. 22.	Halifax	Schooner....	Whinola.....	British.....	272	Wagoner	6 00	7 00	13 00
									127 66

† $\frac{1}{2}$ less Steam Ship.

HUGH RUDOLPH, PILOT No. 4, FOR LISCOMB.

Oct. 14.	Dundark.	Barquentine ..	Lenark.	Russia.....	365	A. Dambé.....	.....	11 00	11 00
" 2.	Bristol	Barque	Ingaa.	Norway.....	361	Martensen.....	9 00	11 00	20 00
July 30.	"	"	Boras.	"	433	Wiig.....	11 00	13 00	24 00
									55 00

DANIEL LANG, PILOT No. 2, FOR LISCOMB.

Oct. 2.	Plymouth ..	Barque. ...	Ragna.....	Norway... ..	463	Johnson.....	11 00	13 00	24 00
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SETH MCKINLAY, PILOT No. 5, FOR LISCOMB.

July 10.	Liverpool, G. B.....	Barque.....	Bygd	Norway.....	490	A. Pedesen.	11 00	13 00	24 00
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SESSIONAL PAPER No. 23

CHARLES RILEY, PILOT No. 3, FOR LISCOMB.

Sept. 15.	Cape Town	S. Ship.	Dora	British	1,457	Mitchell	14 00	15 00	29 00†
		Schooner	China	"	98	Westheaven	1 50	1 50	3 00
		S. tug.	Goliath	"			1 50	1 50	3 00
									35 00

† ‡ less steam ship.
January 2, 1902.

JAMES HEMLOW, { Commissioners.
WILLIAM PRIDE, }
WM. PRIDE,
Secretary to Commissioners.

APPENDIX No. 20.

REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE
YEAR ENDED DECEMBER 31, 1901.

Pictou, N.S., January 20, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed you will please find pilotage returns for the Port of Pictou, N.S.,
for the season ending 1901.

I am, sir,
Your obedient servant,

DODD DWYER.
Secretary.

REPORT OF BOARD OF PILOT COMMISSIONERS, PICTOU, 1901.

TOTAL amount received for Pilotage dues for season 1901.

	\$ cts.	\$ cts.
Total amount received for pilotage dues for season.....		2,496 54
Of this amount—		
Received from steamships.....	2,063 04	
“ “ sailing ships	433 50	2,496 54
Of this amount—		
Received from British ships.....	1,103 97	
“ “ foreign ships.....	1,392 57	2,496 54

EARNINGS of Pilots for 1901.

Name.	Age	Amount.	Total.
		\$ cts.	\$ cts.
Daniel S. Smith.	50	853 09	
McGregor Fraser.....	33	586 53	
Angus Smith.....	44	417 35	
Charles Cooke.....	53	332 07	
Wm. A. Cooke.....	63	114 00	
George W. Powell	56	35 00	
James Fraser... ..	70	79 00	2,417 04

SESSIONAL PAPER No. 23

RECEIPTS and Expenditure of all Moneys received by or on behalf of the Pilotage Authority, in respect of Pilots or Pilotage.

RECEIPTS.	\$	cts.	\$	cts.
Received dues, as per statement.....	2,496	54		
" from seven pilots, bonds renewed.....	7	00		
" Capt. Belanger, <i>Campana</i>	40	00		
Balance due secretary.....	73	50		
				2,617 04
EXPENDITURE.				
Paid pilots pilotage.....	2,417	04		
" secretary's salary.	200	00		
				2,617 04

C. DWYER,
H. McKENZIE,
WILLIAM FRASER,
JOHN R. DAVIS,
JOSEPH C. GRAHAM,
Pilot Commissioners, Port of Pictou, N.S.

DODD DWYER,
Secretary.

APPENDIX No. 21.

REPORT OF THE PILOTAGE AUTHORITY OF SYDNEY, C.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.

NORTH SYDNEY, C.B., January 25, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Canada.

SIR,—I beg to wait on you with returns in connection with the pilotage authority district of Sydney for the year ending December 31, 1901.

Balance due per account.....	\$ 1,741 70
Amount on deposit.....	1,000 00
	<hr/>
	\$2,741 70

Which I trust will be found correct.

Your obedient servant,

DANIEL McLEAN,
Secretary.

NORTH SYDNEY.

	Number.	Tonnage.
British steamers.....	149	81,160
Foreign ".....	53	41,121
British sailing vessels.....	37	11,718
Foreign ".....	12	3,835
Relief.....	22	3,614
	<hr/>	<hr/>
	273	141,448

PILOTAGE RECEIVED.

From British vessels.....	\$ 2,238 33
" foreign ".....	1,585 58
" relief.....	72 00
	<hr/>
	\$ 3,895 91

SESSIONAL PAPER No. 23

INTERNATIONAL

	Number.	Tonnage.
British steamers.....	146	274,802
Foreign ".....	143	246,930
British sailing vessels.....	11	2,315
Foreign ".....	7	1,099
Relief .. .	17	2,150
	324	527,296

PILOTAGE RECEIVED.

From British vessels.....	\$ 8,528 00
“ foreign “.....	8,452 00
“ relief.....	57 00
	\$ 17,037 00

SYDNEY.

	Number.	Tonnage.
British steamers.....	51	91,452
Foreign ".....	64	140,421
British sailing vessels.....	11	2,170
Foreign ".....	6	2,581
Relief.....	4	517
	136	237,141

PILOTAGE RECEIVED.

From British vessels.....	\$ 2,729 00
“ foreign “.....	4,423 00
“ relief.....	12 50
	\$ 7,165 00

RECAPITULATION.

Port.	Number of Vessels.	Tonnage.	Amount.
			\$ cts.
North Sydney	273	141,448	3,895 91
International	324	527,296	17,037 00
Sydney.....	136	237,141	7,165 00
	733	905,885	28,097 91

MASTERS LICENSED.

No.	Name.	Vessel.	Class.	Amount.
				\$ cts.
1	H. Bolanger.....	Fiber.....	Steamer..	100 00
2	P. LeChaux.	Polino.....	" ..	100 00
3	C. Coullard.....	Greetlands,...	" ..	100 00
4	J. Reed.....	Cape Breton..	" ..	100 00
5	D. C. Fraser ..	Bonavesta ...	" ..	100 00
6	W. H. Gould.....	Louisburg	" ..	100 00
7	H. Holmes ..	Coban.....	" ..	100 00
8	M. M. Florian.....	Grandee.....	Barge....	100 00
9	E. Hall.....	Rembrandt....	" ..	100 00
10	D. A. Scott ..	Harlaw ..	Steamer..	100 00
				1,000 00

STATEMENT of Relief.

Date.	Name.	Amount.
		\$ cts.
1901.		
April 20....	Family Maurice Doyle.....	20 00
May 18....	Widow Madore.....	20 00
June 12....	Isabelle McGillvray.....	15 00
" 14....	Pilot Con. Mullins.....	20 00
" 18 ...	Catherine McGillvray ..	15 00
July 3....	Margaret Petrie.....	15 00
" 24 ...	Widow Daley.....	30 00
Aug. 22....	Mary Petrie.....	15 00
" 22....	Widow McInnis ..	30 00
Sept. 10....	Widow Carroll.....	30 00
" 21 ...	Widow Madore.....	20 00
Oct. 1....	Catherine McGillvray.....	15 00
" 23....	Mary Petrie.....	15 00
" 23 ...	Widow Brown.....	30 00
	Pilot John Curren.....	20 00
Nov. 21....	Isabelle McGillvray.....	15 00
" 22....	Family Doyle.....	30 00
" 29 ...	Margaret Petrie.....	15 00
" 29....	Pilot Peter Burke.	50 00
		420 00

SESSIONAL PAPER No. 23

DR.		SYDNEY Pilotage Authority.		CR.	
1901.	\$	cts.	1901.	\$	cts.
To Paid total pilotage.....	\$28,097	91	By Pilotage as per returns.....	28,097	91
LESS—Relief.....	141	50	License to pilots	87	00
	27,956	41	Boats licensed.....	16	00
LESS—Commission..	1,397	83	Masters licensed.....	1,000	00
	26,558	58	Balance on hand.....	1,263	40
3 collectors sec., and treasurer...	1,530	00	Interest on deposit.....	35	00
Head collector, office rent & fuel.	50	00	Deposit receipt	1,000	00
Expenses of five commissioners. .	150	00			
Books, printing and stationery..	27	33			
Telegrams and sundries.....	6	50			
Bank charges, drafts, Sydney...	15	20			
Relief per statement	420	00			
Amount of deposit in bank	1,000	00			
Balance carried down.....	1,741	70			
	31,499	31			
				31,499	31
			January 25, 1901		
			By Balance brought down.....	1,741	70
			Amount on deposit, Union Bank...	1,000	00
				2,741	70

List of Pilots for 1901.

No.	Name.	Amount paid.	
		\$	cts.
1	William Ratchford.....	804	98
2	J. B. Cann.....	804	80
3	J. T. Mullins	804	80
4	A. Ratchford.....	804	80
5	John Fraser	804	80
6	J. G. McGillvray	804	80
7	Angus McNeil	804	80
8	John Carroll. ..	804	80
9	G. B. Brown	804	80
10	L. Connell.....	804	80
11	James Carroll.....	804	80
12	D. D. Petrie.....	804	80
13	John McNeil.....	804	80
14	James Shanahan.....	804	80
15	William Brown.....	804	80
16	Tom Ratchford ..	804	80
17	G. D. Townsend.....	804	80
18	J. B. McGillvray.....	804	80
19	L. Ling.....	804	80
20	James Fraser.....	804	80
21	Tom McNeil.....	804	80
22	J. T. Loffin.....	804	80
23	Tom Roberts.....	804	80
24	Joseph Brown	804	80
25	Bernard Mullins.....	804	80
26	D. A. McInnis.....	804	80
27	E. D. Cann.....	804	80
28	Walter Handrigan	804	80
29	W. Langill.....	804	80
LIST OF APPRENTICES.			
1	George Spencer.....	402	40
2	Thomas Rudderham.....	402	40
3	John Carroll.....	402	40
4	John Mahon	402	40
5	Michael Curren.....	402	40
6	Vince McGillvray.....	402	40
7	John Ratchford.....	402	40
8	Edmund Petrie.....	402	40
		26,558	58

(Signed) A. GANNON,
Head Collector.

APPENDIX No. 22.

REPORT OF THE PILOTAGE AUTHORITY OF CARAQUET, N.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.

CARAQUET, N.B., December 26, 1901.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to inclose statement of pilotage paid in the Pilotage District of Caraquet during the year 1901 ; also, statement of account of the Secretary with the Pilot Commissioners of the same district for the same year.

I have the honour to be, sir,
Your obedient servant,

PHILIP RIVE,
Secretary to Pilot Commissioners.

STATEMENT of Pilotage during the year 1901, in the Pilotage District of Caraquet.

Name of Vessel.	Nationality.	Rtg.	Tonnage.	Date of Arrival.	Name of Pilot Inwards.	Date of Sailing.	Name of Pilot Outwards.	Amount of Pilotage, Inwards and Outwards.
								\$ cts.
Alliance.....	British.....	Schooner...	99	May 18..	Charles Vibert.....	June 5..	No pilot.....	12 00
Union.....	".....	Brigantine..	193	June 21..	Onésime Blanchard ..	" 28..	Agapppy Albert, (not a pilot)...	16 80
Resolute.....	".....	Schooner...	76	Aug. 13..	Gervais Poulain.....	Sept. 17..	Gervais Poulain.....	18 00
Conqueror.....	".....	".....	69	" 26..	Charles Vibert.....	Aug. 28..	Charles Vibert.....	12 00
Hibernia.....	".....	Brigantine..	148	Sept. 28..	".....	Oct. 27..	".....	26 40
Alliance.....	".....	Schooner...	99	Oct. 6..	".....	Nov. 15..	".....	23 00
Mary Claasen	".....	Brigantine..	200	" 18..	".....	" 12..	".....	24 40
Maud.....	".....	Schooner...	120	" 31..	".....	" 7..	".....	19 60
								152 20

STATEMENT of Philip Rive, secretary, in account with Pilot Commissioners (Pilotage District of Caraquet.)

Dr.	Cr.
To Cash received of Xavier Poulain, boat license fee.....	By Salary.....
To " " Charles Vibert, .....	.....
	\$ 2 00
	\$ 2 00

PHILIP RIVE,
Secretary to Pilot Commissioners.

CARAQUET, December 26, 1901.

REPORT OF THE PILOTAGE AUTHORITY FOR THE DISTRICT OF PARRSBORO, N.S., FOR THE YEAR ENDED DECEMBER 31, 1901.

Amount of pilotage fees collected for the year was as follows. viz :—

Paid pilot Robert Anderson.....	\$238 78
" James George.....	215 06
Office contingencies.....	15 00
Secretary for salary.....	19 16
	<hr/>
	\$488 00

LICENSED Pilots, Port of Parrsboro, N. S.

Name.	Age.	Remarks.
Robert Anderson.....	48	Licensed for full district.
James George	61	" " "
George E. Pettis.....	63	" " "
Baxter McLellan.....	43	" for district of Spencer's Isl. only.
J. Ephraim Morris.....	39	" for dist. Advocate Harbour only.

Pilotage non compulsory.

The rates are the same as list sent last year.

E. GILLESPIE,
Secretary Parrsboro' Pilotage Authority.

APPENDIX No. 24.

REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, N.B., FOR
THE YEAR ENDED DECEMBER 31, 1901.

BUCTOUCHE, N.B., January 14, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I herewith transmit report of Buctouche Pilotage Authority for the year .
1901.

Foreign shipping from this port has declined to one or two vessels annually for
several years past.

Your obedient servant,

JOHN C. ROSS,
Secretary of Buctouche Pilotage Authority.

Pilotage returns, district of Buctouche, province of New Brunswick, for the year
1901. Act 36 Vic., cap. 56, sec. 24.

1st. Names and age of pilots licensed :—Joseph Crossman, age 50 years. Joseph
Belleisle, age 45 years.

2nd. The above pilots are licensed to undertake the pilotage of vessels of every
description within and throughout the pilotage district of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the
district. viz: One dollar and fifty cents per foot draught of water, both inward and
outward bound.

4th. Total amount of pilotage dues paid, \$55.50. Of this amount \$48, including
\$5, collected after crossing bar, was paid by one foreign vessel (Norwegian), the only
one liable to pilotage under the new regulations, and \$7.50 by schooners (British), by
whom employment of pilot was optional.

5th. The pilotage dues as above were paid to the pilots who performed their duties
as such to the respective vessels.

6th. Joseph Belleisle was licensed during the year. paid \$2 license fee, and no pay-
ment for license of boats was exacted under agreement of pilotage authority. No
expense was incurred during the year by the authority.

JOHN C. ROSS,
Secretary of Buctouche Pilotage Authority.

BUCTOUCHE, N.B., January 14, 1902.

APPENDIX No. 25.

REPORT OF THE PILOTAGE AUTHORITY OF THE DISTRICT OF THE
COUNTY OF RESTIGOUCHE, N.B., FOR THE YEAR ENDED
DECEMBER 31, 1901.

RICHIBUCTO, N.B., December 10, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I herewith send you Commissioners annual report of meetings, etc., for the season ending December 10, 1901.

The Pilot Commissioners held their annual meeting at J. W. Brait's office, Rexton, N.B., March 28, 1901, at 2 p.m., Commissioners William Brait, John Jardine and James Gordon present. Report of last meeting and annual report to Ottawa read and approved. The following five pilots were granted licenses:—William Irving, James W. Long, William H. Long, John Curwens and Albert Long. Henry D. Irving not complying with pilotage rules, his license was cancelled. The secretary was requested to notify the Government concerning brush put in the river by the smelt fishermen for guides to their nets, allowing brush to sink and obstruct navigation. Has been reported to Deputy Minister of Marine and Fisheries, Ottawa, September 28, 1901.

Nine vessels have entered and cleared (foreign) this season from 120 tons to 800 register, total 3,553 registered tonnage; and 178 schooners of 2,200 tons register entered and cleared coastwise, cargoes, 13½ million superficial feet lumber.

July 5, the Commissioners surveyed the channel and bar and found outer bar position from lighthouse on south beach N.E. by E. magnetic, distance 400 fathoms, depth on bar L.W.O.S. 11 feet. Also position of inner bar from east end of breakwater, south 11° 15' W., distance 250 yards, depth of water 10 feet 6 inches L.O.W.S. No casualties to report.

Yours respectfully,

JAMES GORDON,
Secretary Pilot Commissioners.

1-2 EDWARD VII., A. 1902

VESSELS Entered and Cleared Restigouche Pilotage District, 1901.

Name.	Tonnage.	Nationality.	Where from.
Str. Mavisbrook.....	1,328	Norway	Glasgow.
Str. Pino Branch.....	1,022	"	West Hartlepool.
Whitefield.....	1,560	.....	"
Bark Bengal.....	694	Norway	Waterford.
Alf.....	304	"	Wales.
Sagona	776	English.....	Liverpool.
Chrysolite.....	1,260	Norway	Greenock.
New Dominion.....			
Droming Sophie.....	727	Norway	Inverness.
Two Brothers	891	"	Liverpool, G.B.
Don Quixote.....	1,123	"	Harwick.
Sumuva.....	549	"	Liverpool.
Talisman	425	"	St. Johns, Nfld.
Hanna	898	"	London.
Bark Fylgia.....	539	"	Bristol.
Heobe.....	440	"	Waterford.
Bukop Bruno	521	"	Iceland.
Fremado	230	"	Faroe Island.
Darby.....	883	"	Liverpool.
Matono.....	1,134	"	Plymouth.
Norman.....	833	"	Liverpool.
Orient.....	479	"	Glasgow Dock, G.B.
Eliezer	560	"	Galway.
Ossima	778	English.....	Liverpool.
Korsvie.....	359	"	London.
Fornie.....	356	Norway	Preston.
Capella.....	647	"	Havre.
P. C. Petterson..	617	"	Bristol.
Annie.....	523	"	La Rochelle.
Nymph.....	399	"	Southampton.
Sea Breeze.....	636	"	Belfast.
Pous Ailse.....	362	"	Londonderry.
Lily.....	499	"	Enoss via Sydney.
Carmel	578	"	Fleetwood.
Earling	1,216	"	Fredrickstat.
S.S. Urania.....	1,580	"	St. Johns, Nfld.
Victoria.....	708	"	Cork, G.B.
Rochette	572	Italian	Glenora, Italy.
Hutela	627	Norway	Newcastle, G.B.
Eidsiva	546	"	Clyde, Bowling.
Hicla.....	834	"	Belfast.
Wakefield.....	795	"	Hawlberg.
Elda	649	"	Cape Town.
Rosa	616	Italian	Savona, Italy.
Sterling.....	1,152	Norway	Dublin, G.B.
Wayfarer	610	"	London, G.B.
Oden.....	494	"	Sharpness, G.B.
Norway	548	"	Galway.
Amity.....	1,040	"	Liverpool.
Romance.....	596	"	Lore, Ireland.
P. C. Petterson.	616	"	Liverpool, G.B.
Cavalier.....	650	"	Silloth, G.B.
Vicar.....	801	"	Bowling, G.B.
Due Engine.....	1,258	Italian	Montevideo.
Transport	277	Norway	Stavanger, Norway.

A. G. WALLACE,
Secretary Pilot Commissioners.

APPENDIX No. 26.

REPORT OF THE PILOTAGE AUTHORITY FOR THE COUNTY OF RICHMOND, N.S., FOR THE YEAR ENDED DECEMBER 31, 1901.

Report of vessels piloted by John Gayetch, pilot No. 5 in the port of Arichat, the pilotage district of the County of Richmond, Cape Breton, for the year 1901 :

July 10, British barque *Fannie Bristose*, 260 tons.

October 1, British schooner *Robert Morris*, 128 tons.

December 13, British barque *Fannie Bristose*, 260 tons.

ISIDORE LE BLANC,
Secretary of the Pilotage Commissioners.

ARICHAT, January 13, 1902.

APPENDIX No. 27.

REPORT OF THE PORT WARDEN OF MONTREAL FOR THE YEAR
ENDED DECEMBER 31, 1901.

MONTREAL, January 8, 1902.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Council of this Board, and in compliance with section 31 of the Act governing the Port Warden's Office, 45 Vic., chap. 45, to transmit herewith documents as follows :—

1. Port Warden's annual report for the year 1901.
2. Audited statement of receipts and expenditure of the Port Warden's Office for the year ending December 31, 1901.
3. Statement of investments of Port Warden surplus funds.

I have the honour to be, sir,
Your obedient servant,

GEORGE HADRILL,
Secretary.

MONTREAL, December 31, 1901.

To the President and Council
of the Montreal Board of Trade.

GENTLEMEN,—I have the honour to submit the annual report of the business of this office with statements of exports, receipts and expenditure for the year 1901.

Navigation opened by the arrival from sea of the ss. *Jacona*, on April 25, with a cargo of fruit from the Mediterranean ports, and closed with the departure for sea of the ss. *Boliviana*, on November 25.

The first sailing vessel to arrive from sea was the barquentine *Haave*, on June 10, with a cargo of molasses, from Barbados.

The ss. *Lord Iveagh* was the first vessel to enter the St. Lawrence by the Straits of Belle Isle at 5 p.m., July 4. This is later than usual. We have had direct telegraph communication with Belle Isle this season for the first time; this should prove a great boon to the shipping community, and the public in general when it is in satisfactory working order, as we can then ascertain when the straits are open and safe for navigation. A large amount of ice has been there, more or less all this season, and the straits were unusually late opening for regular navigation.

An effort has been made this season to institute direct shipping communication between Chicago, Great Britain and the Continent, with but indifferent success. Four vessels were put on the line, viz., the ss. *Northwestern*, *Northeastern*, *Northtown*, and *Northman*; they did not prove very satisfactory for the work.

SESSIONAL PAPER No. 23

This season we have had an increased number of vessels going hence light, or only part loaded, to complete their loading at other ports, as the following statistics will show; this, in a great measure, is due to scarcity of cargo, but is also owing in part to lowness of water in the ship channel.

Vessels part loaded at Montreal and completed loading at Quebec—1900, 65 vessels; 1901, 89 vessels—increase, 24 vessels.

Vessels leaving Montreal light (or empty) to load elsewhere—1900, 9 vessels; 1901, 20 vessels—increase, 11 vessels.

Three hundred and ninety-six oversea or foreign-going vessels of all kinds were entered at this office, with a tonnage of 988,018 tons, a decrease of twenty vessels and 50,216 tons compared with the year 1900.

This is principally owing to the excessive rates of insurance on hulls and cargoes, which, we are of opinion, might now be materially decreased in view of the improved condition of the ship channel, as shown. Notwithstanding the low water prevailing in the river, there has been almost an immunity from accident in the ship channel this season.

The business to the lower ports this season consisted, of entered two hundred and eighty-nine vessels of all classes, with a tonnage of 412,449 tons, an increase of 18 vessels and 84,890 tons.

Clearances for vessels loaded for the lower ports were as follows:—Ninety vessels of all classes, with a tonnage of 67,253 tons, as against 84 vessels of all classes last year, with a tonnage of 63,171 tons, an increase of 6 vessels and 4,082 tons.

There has been a marked improvement in the lower port trade this season, a larger and better class of vessels taking the place of the turret ships and small type of vessels they have hitherto had.

The water in the ship channel in the months of October and November this year has been unusually low. On November 22 the record on the gauges was as follows:—Montreal, 26' 1"; Sorel, 25' 8", whereas the gauges showed on the same date last year at Montreal, 30' 3"; Sorel, 30' 11".

Notwithstanding the low water in the river, there has not been a single mishap to any outward bound vessel in the dredged channels. Such accidents as have occurred have been in tidal waters, or with inward bound comparatively light draught vessels.

The shores of Newfoundland were the scene of the most serious disasters this year. No less than six total wrecks occurred near Cape Race the early part of the season, fortunately without loss of life. There is no doubt all these were attributable to the same cause, an unusual and unexpected drift of current which prevailed during a period of dense fog, but the Gulf and River St. Lawrence have been comparatively free from mishap. You will note the unusual shortage of grain the past season, a decrease of over seven millions in corn alone, and the smallest season's shipment of grain since 1896. We have also had the smallest shipment of apples this season that we have had for many years. Both these shortages are the result of bad crops. The shipments of various kinds for the past season manifested and reported at this office are as per attached statements.

All of which is respectfully submitted.

ARCHIBALD REID,
Port Warden.

PORT WARDEN'S OFFICE.

STATEMENT of Receipts and Expenditure for the year ending December 31, 1901.

Dr.

Cr.

1900.		\$ cts.	\$ cts.	1901.		\$ cts.	\$ cts.
Dec. 31..	To Balance cash in bank.....	8,285 57		Dec. 31..	By Paid salaries, &c.:—		2,500 00
1901.	Cash in Port Warden's hands.	2,473 67			Archibald Reid, Port Warden.....		1,650 00
					A. T. Crighton, Deputy Port Warden.....		1,600 00
Dec. 31..	Dividend from estate D. A. McGillis.....				Jas. N. Bales, Deputy Port Warden.		1,500 00
	Revenue derived as under:				W. J. Anderson, bookkeeper.		150 00
	13,588,098 bushels wheat.....				J. F. Scanlon, clerk.....		249 00
	89,883 " buckwheat.....				H. C. Lane, clerk.....		90 00
	740,749 " " pease.....				F. A. Jackson, junior clerk.....		500 00
	656,962 " " barley.....				J. A. Vibert, allowance.....		300 00
	768,697 " " rye.....				Superannuation allowance:—		200 00
	2,459,234 " " oats.....				Archibald Reid, Port Warden.....		200 00
	4,078,215 " " corn.....				A. T. Crighton, Deputy Port Warden...		200 00
	669,871 " " flax seed.....				Jas. N. Bales, Deputy Port Warden...		100 00
	12,127 " " oil cakes.....				W. J. Anderson, bookkeeper.....		179 94
	9,837 " " minerals.....				J. A. Vibert.....		1,000 00
	1,131 barrels ashes.....				Board of Trade, secretarial expenses ..		312 58
	633,331 " " flour, meal, &c.....				Rent, fuel and taxes.....		241 33
	121,186 " " apples.....	302 99			Telephones, light, cleaning office, &c.....		32 09
	72,732 head oxen and horses ..	727 32			Lloyds' register and shipping papers ..		195 85
	48,073 " sheep.....	120 17			Books, printing and stationery.		40 35
	193,948 tons sundries ..	3,878 96			Club and car fares.....		44 69
	25,343 " hay.....	506 86			Miscellaneous expenses.		60 00
	220,663,712 feet sawn lumber.....	1,103 48			Alf. W. Hadrill, auditor.....		11,145 83
	Port Warden's fees (inwards)..	224 00			Outstanding accounts, 1901.....		8 02
	" " (outwards).....	2,094 00			Balance cash in bank.....		12,054 64
	Special surveys.....	147 00			Cash in Port Warden's hands.		98 04
	Damaged cargo certificates.....	167 25					12,152 68
	Interest bank account	244 19					
	Treasurer Board of Trade, interest on investments.....	3,030 50					
1902.							
Jan. 2..	To balance.....	12,152 68					23,306 53

Audited and found correct,
ALF. W. HADRILL, Auditor.

E. & O. E.

ARCHIBALD REID,
Port Warden.

MONTREAL, January 4, 1902.

SESSIONAL PAPER No. 23

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1901.

Date.		Amount.	Per cent for 12 mos.	Interest.
		\$		\$ cts.
Feb. 16, '80	Expended \$2,380.34 in purchase of Dominion Government Stock..	2,300	3½	80 50
Aug. 16, '80	Expended \$7,254.11 in purchase of city of Montreal Registered Stock.....	7,000	5	350 00
April 18, '84	Expended \$5,031.34 in purchase of city of Montreal four per cent Registered Stock (Nos. 1720, 1721, 1722, 1723, 1724=5 at \$1,000).....	5,000	4	200 00
Mar. 14, '87	Expended \$10,320.75 in purchase of city of Montreal Consolidated Fund Stock.....	10,000	4	400 00
	Loans to Montreal Board of Trade Building Fund to date..	50,000	4	2,000 00
	Total.....	74,300		3,030 50

ARTHUR S. HODSON,
Treasurer, Montreal Board of Trade.

GEO. HADRILL,
Secretary, Montreal Board of Trade.

MONTREAL, January 8, 1902.

1-2 EDWARD VII., A. 1902

COMPARATIVE STATEMENT of Shipments 1900 and 1901 as per Manifests reported at Port Warden's Office.

Description.	1900.	1901.	1901.	
			Increase.	Decrease.
Wheat... Bush.	10,376,683	13,588,098	3,211,415	
Buckwheat..... "	301,996	89,883		212,113
Peas..... "	1,690,999	740,749		950,250
Barley..... "	1,021,790	656,962		364,828
Rye..... "	528,839	768,697	239,858	
Oats..... "	4,893,237	2,459,234		2,434,003
Corn..... "	11,361,333	4,078,215		7,283,118
Flax seed. "	167,765	669,871	502,106	
Total.....	30,342,642	23,051,709	3,953,379	11,244,312 3,953,379
Total decrease for the year 1901				7,290,933
Flour and Meal.. Brls.	486,200	633,331	147,131	
Ashes.. "	1,068	1,131	63	
Apples..... "	253,418	121,186		132,232
Cheese..... Boxes	2,031,739	1,793,893		237,846
Butter..... Pckgs	244,787	407,606	162,819	
Eggs..... "	234,306	204,094		30,212
Box meat..... "	147,580	162,567	14,987	
Lard..... "	271,633	253,018		18,615
Dead meat..... Qtrs.	18,213	1,174		17,039
Pulp..... Tons	23,643	12,249		11,394
Paper..... "	4,795	7,137	2,342	
Sundries..... "	44,876	34,667		10,209
Hay..... "	9,752	25,343	15,591	
Oil cake..... "	8,760	12,127	3,367	
Phosphates..... "	18			18
Minerals..... "	5,308	9,837	4,529	
Dried grains..... "		471	471	
Lumber..... Ft. B. M.	232,449,185	220,663,712		11,785,473
Cattle..... Head	91,110	71,488		19,622
Horses "	2,659	1,244		1,415
Sheep..... "	31,625	48,073	16,448	
Horses to South Africa..... "	3,716	5,218	1,502	

Revenue, 1900.....	\$11,092.19
" 1901.....	9,272.03
Decrease.....	\$ 1,820.16

SESSIONAL PAPER No. 23

STATEMENT of Oversea or Foreign-going Vessels.

Description.	1900.		1901.	
	No.	Tons.	No.	Tons.
Steamers.....	406	1,034,890	388	983,649
Barques.....	3	1,198	4	2,240
Brigs and schooners.....	7	2,146	4	2,129
Totals.....	416	1,038,234	396	988,018

Decrease of 20 vessels and 50,216 tons.

STATEMENT of Lower Port Arrivals.

Steamers.....	258	326,207	278	410,914
Brigs and schoonerse.....	13	1,352	11	1,505
Totals	271	327,559	289	412,449

Increase of 18 vessels and 84,890 tons.

CLEARANCES for Lower Ports.

Steamers.....	76	62,368	82	66,272
Brigs and schooners.	8	803	8	981
Totals.....	84	63,171	90	67,253

Increase of 6 vessels and 4,082 tons.

E. & O. E.

ARCHIBALD REID,
Port Warden.

APPENDIX No. 28.

REPORT OF PORT WARDEN AT QUEBEC, FOR THE YEAR ENDED
DECEMBER 31, 1901.PORT WARDEN'S OFFICE,
QUEBEC, December 19, 1901.F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As is usual at this time, I have much pleasure in sending you a return of the business transacted in the Port Warden's office during the season just closed.

It shows the receipts and disbursements to have been as follows, viz. :—

Receipts from all sources	\$1,384 00
Disbursements	384 00
	<hr/>
Balance net receipts	\$1,000 00

I also inclose a return of cattle and sheep shipped at Quebec during the season on which no fees were charged as instructed by your letter of June 5, last.

Nine steamers took live stock at Quebec during the season amounting to 3,858 head of cattle and 1,284 sheep.

The fees on which would have amounted to the sum of \$64.12 if charged for as in former years.

The whole respectfully submitted by your obedient servant,

W. SIMONS,
*Port Warden.*PORT WARDEN'S OFFICE,
QUEBEC, December 31, 1901.F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—As required by the 30th section of the Port Warden's rules, I beg respectfully to submit the following annual statement of the business transacted in this office, during the year ending December 31, 1901, as follows:—

Eighty-three steamers were surveyed for clearance outward after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Eighteen steamers were surveyed for clearance outward after having shipped full cargo of grain and other goods at this port.

Twenty-five steamers and nine sailing vessels were surveyed, their hatches opened and cargo examined on their arrival from sea.

Seven steamers were surveyed on account of grounding and stranding in the River St. Lawrence, below and above Quebec.

SESSIONAL PAPER No. 23

One steamer and two sailing vessels were surveyed on account of collision damage. Four steamers were surveyed and their value estimated for general average purpose.

Fourteen surveys were held on damaged goods in store and on wharfs.

The receipts and disbursements of this office were as follows :—

Receipts from all sources	\$ 1,384 00
Expenses	384 00
	<hr/>
Balance, net receipt.	\$ 1,000 00

Besides the above there were several vessels damaged by stranding and otherwise that did not come under the Port Warden's rules.

Nine steamers took live stock at Quebec during the season, amounting in all to 3,858 cattles, and 1,248 sheeps on which if fees had been collected as in former years would have amounted to \$64.12, as shown by accompanying statement.

With much respect,
I am your obedient servant,

W. SIMONS,
Port Warden.

QUEBEC, December, 1901.

RETURN of cattle and sheep shipped at the port of Quebec during the season of 1901, with the names of steamers and amount of fees, if collected, as in former years.

Date.	Name of Vessel.	Number of Sheep.	Number of Cattle.	Amount of Sheep.	Amount of Cattle.
1901.				\$ cts.	\$ cts.
July 12..	Manchester City, ss.....	789	340	3 99	5 10
" 25..	Manchester Corporation, ss		342	....	5 13
" 27..	Virginian, ss		475	....	7 13
Aug. 20..	Europe, "	450	326	2 25	4 89
" 31..	Iberian, "		400	....	6 00
Sept. 15..	Pinemore, "		470	....	7 05
" 29..	Kingstonian, ss		597	....	8 95
Oct. 9..	Iberian, ss		525	....	7 88
" 27..	Caledonian, ss		383	....	5 75
		1,248	3,858	6 24	57 88

RECAPITULATION.

Nine steamers took 3,858 cattle from this port	\$ 57 88
Two " " 1,247 sheep " "	6 24
	<hr/>
Total	\$ 64 12

W. SIMONS,
Port Warden and Inspector of Cattle and Fittings.

APPENDIX No. 29.

REPORT OF THE PORT WARDEN AT HALIFAX, N.S., FOR THE YEAR
ENDED DECEMBER 31, 1901.

PORT WARDEN'S OFFICE.
HALIFAX, N.S., December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report for the year ending December 31, 1901, accompanied by a statement of the receipts and expenditure during that period.

Surveys were made by me on fourteen steamers and six sailing vessels which arrived at this port in a damaged condition during the year. The necessary repairs were made to the vessels and those of them bound to other ports with their cargoes proceeded to their destinations, where those of them now due have arrived safely. The steamers *Kong Haakon*, *Alf* and *Agnar* are still in port undergoing repairs.

The steamer *Hackney* of Cardiff, G.B., put into this port on December 5 with her cargo of cotton in No. 2 hold on fire, while on a voyage from Tampa and New Orleans bound to Rotterdam and Nantes. An attempt was made to extinguish the fire by injecting steam into the hold from the ship's boilers and from a steam tow boat and lighter alongside, but without success. The hold was then flooded with fresh water. When the water was pumped out the cotton was discharged. The wet bales of cotton were reloaded in the hold and the fire damaged bales on deck and the vessel proceeded on her voyage. In consequence of the large quantity of water absorbed by phosphate in the lower hold, thereby increasing its deadweight, the vessel was unable to reload all the cargo discharged. The portion of the cargo left behind will be shipped to its destination. Thirty-seven bales of cotton were found to be too badly damaged by fire for shipment and have been sold at auction for the benefit of all concerned.

I have the honour to be, sir,
Your most obedient servant,

DAVID HUNTER,
Port Warden.

RECEIPTS and Expenditure of the Port Warden, Halifax, N.S., from January 1 to
January 31, 1901.

DR.	\$ cts.	CR.	\$ cts.
To Amount of fees received.	1,814 14	By Paid assistants, office expenses, &c.	1,283 34
		Amount reverting to Port Warden	530 80
	1,814 14		1,814 14

I hereby certify that the above is a true and correct statement of the receipts and exepnditure of the Port Warden at Halifax, N.S., during the year 1901.

DAVID HUNTER,
Port Warden.

APPENDIX No. 30.

REPORT OF THE PORT WARDEN FOR THE PORT OF NORTH SYDNEY
FOR THE YEAR ENDED DÉCEMBER 31, 1901.

PORT WARDEN'S OFFICE,
NORTH SYDNEY, C.B., December 28, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report, which is as follows:—

During the past season I have held surveys on 10 steamers, 3 brigantines and 4 schooners. Of this number, four had considerable repairs done, the balance were principally for certificates of seaworthiness.

The total fees received were.....	\$ 148 00
Office rent and expenses	40 00
	<hr/>
	\$ 108 00
	<hr/>

The number of vessels visiting the port this season was smaller than usual, but it is expected that on the completion of the new coal pier of the Nova Scotia Steel and Coal Company, there will be a larger amount of business next season.

I have the honour to be, sir,
Your obedient servant,

ANDREW NISBET,
Port Warden.

APPENDIX No. 31.

REPORT OF THE PORT WARDEN FOR THE PORT OF PICTOU FOR THE
YEAR ENDED DECEMBER 31, 1901.

Pictou, N.S., January 6, 1902.

Account of Port Warden for the year 1901 at the port of Pictou, N.S. :—

Certificate of seaworthiness to barque <i>Finn</i> repaired at Pictou.	\$ 8 00
Survey on cargoes of schooners <i>France</i> and <i>Rupies</i> at Pictou, October 30, for self and assistant.	13 00
	<hr/>
	\$21 00
Expenses for the year, &c.	3 20
	<hr/>
Total	<u>\$17 80</u>

WILLIAM CUMMING MUNRO,
Port Warden.

APPENDIX No. 32.

REPORT OF THE PORT WARDEN AT RIMOUSKI, P.Q., FOR THE YEAR
ENDED DECEMBER 31, 1901.

RIMOUSKI, December 31, 1901.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you my annual report as Port Warden of Rimouski. I did not visit any vessels nor collect any moneys during the year.

I have, &c.,

CAPT. ELZ. HEPPELL,
Port Warden.

APPENDIX No. 33.

REPORT OF THE PORT WARDEN FOR THE PORT OF PORT HAWKES-
BURY FOR THE YEAR ENDED DECEMBER 31, 1901.

PORT HAWKESBURY, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit to you the doings of this office, accompanied by a statement of the fees collected by me, and also the attendant expenses during the year.

Inclosed please find a list of vessels arriving at this port in a damaged condition on which surveys have been held during the year 1901, now closed.

The damaged vessels were all repaired, and arrived safely at their ports of destination.

I have the honour to be, sir,
Your obedient servant,

D. W. HENESEY,
Port Warden.

RECEIPTS and Expenses of the Port Warden's Office at Port Hawkesbury, for the
year ending 1901.

	S	c.	s.		S	c.	s.
2 surveys held on schooner <i>E. M. G. Hardy</i> .	10	00		Paid assistant Wm. Duff, shipwright.....	5	00	
1 " " <i>Riviera</i>	10	00		Paid Lloyds and Wm. H. Paint.....|	5	00	
1 " " <i>St. Joseph</i> , of St.							
<i>Pierre</i>	5	00		Total.	10	00	
1 survey on stores American barge.....	5	00					
1 survey held on schooner <i>Enterprise</i>	10	00		Amount collected.....	40	00	
Total.....	40	00		Amount reverting to Port Warding ...|	30	00	

I do hereby state that the above is a true statement of surveys held and fees paid.

D. W. HENESEY,
Port Warden.

PORT HAWKESBURY, December 31, 1901.

APPENDIX No. 34.

REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND FOR
THE YEAR ENDED DECEMBER 31, 1901.

PORT WARDEN'S OFFICE,
PRINCE EDWARD ISLAND, December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office during the past season.

I am glad to report that all the vessels loaded with grain for foreign ports have arrived in safety.

I have the honour to be, sir,
Your obedient servant,

H. P. WELSH.

RECEIPTS and Expenditure of the Port Warden's Office, Prince Edward Island, for the
year ending December 31, 1901.

Date.	Receipts.	Amount.	Date.	Expenditure.	Amount.
1901		8 cts.	1901.		8 cts.
	To fees derived from grain-laden vessels.....	99 00		By Expense of office.....	8 00
	Damaged goods.....	39 50		Commissions to deputies..	40 00
	Survey on hatches.....	6 00		Balance	122 50
	Other surveys.....	26 00			
		170 50			170 50

I hereby certify the above to be a correct statement.

H. P. WELSH.

CHARLOTTETOWN, P.E.I., December 31, 1901.

APPENDIX No. 35.

REPORT OF THE PORT WARDEN OF YARMOUTH, N.S., FOR THE YEAR
ENDED DECEMBER 31, 1901.

YARMOUTH, N.S., January 3, 1902.

To the Minister of Marine and Fisheries,
Ottawa.

SIR,—I now make my annual report as Port Warden at Yarmouth, N.S., for the year ending December 31, 1901.

I have been called on four times for survey of hatches, and twice for vessels damaged.

Total amount of fees for the year, \$38.

I remain, your obedient servant,

EBEN SCOTT,
Port Warden.

SESSIONAL PAPER No. 23

APPENDIX No. 36.

REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.

Port Warden's report for all dues collected at the port of St. Andrews, for the calender year ending December 31, 1901.

Feb. 9—	Survey on ground tier schooner <i>R. S. Graham</i> ..	\$ 5 00
“ 22—	“ hatches “ <i>Tobago</i>	2 50
“ 27—	“ “ “ <i>Ruth Robinson</i> ...	2 50
April —	“ pilot boat <i>Cruiso</i>	1 00
Dec. 24—	“ hatches and cargo schooner <i>Fanny</i> ...	5 00
		<hr/>
		\$16 00
		<hr/>

JOHN WREN
Port Warden.

St. ANDREWS, N.B., January 2, 1902.

APPENDIX No. 37.

REPORT OF THE PORT WARDEN AT CHATHAM, N.B., FOR THE YEAR
ENDED DECEMBER 31, 1901.

CHATHAM, N.B., Dec. 16, 1901.

Department of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find copies of all surveys made by me as Port Warden for the port of Chatham, N.B., for this year. Navigation closed at this port about the 7th inst. One steamer, *Ceylon*, went to sea yesterday, having been detained at the entrance to the harbour by ice. This was the last sea-going vessel bound out of this port.

The amounts received by me for surveys this year were:—

Steamship <i>Nether Holme</i>	\$15 00
“ <i>Riplingham</i>	15 00
Bark <i>Areolo</i>	10 00
Schooner <i>Johnathan</i>	10 00
	<hr/>
	\$50 00
	<hr/>

Your obedient servant,

WILLIAM MUIRHEAD,
*Port Warden.**Report of survey on Steamer “Nether Holme.”*

PORT OF CHATHAM, N.B., June 29, 1901.

At the request of the Maritime Sulphate Fibre Co., of Chatham, N.B., Dominion of Canada, I, William Muirhead, Port Warden for the Port of Chatham, N.B., Robert J. Walls, Pilot and Harbour Master, proceeded on board the steamer *Nether Holme* of Maryport, England, for the purpose of holding a survey on the propeller of said *Nether Holme*, the propeller having had one of the blades broken off.

We, said surveyors, found three of the blades of the propeller in good condition, the fourth about two-thirds broken off.

As the propeller shaft was out of water we, said surveyors, recommend the broken blade on propeller to be taken off and replaced by the spare one which was on deck of the said steamer.

This has been done to our satisfaction, and we now consider the vessel seaworthy and fit to perform her work as per charter.

(Signed)

WILLIAM MUIRHEAD,
*Port Warden.*ROBERT J. WALLS,
Harbour Master.

SESSIONAL PAPER No. 23

Report of survey on ss. "Riplingham."

PORT OF CHATHAM, N.B., July 8, 1901.

At the request of C. Johnstone, master of the ss. *Riplingham* of Goole, England, 1649 tons register. I, William Muirhead, Port Warden for the Port of Chatham, N.B., and G. S. Simons, master of the ss. *Semantha*, of Liverpool, England, went on board the said ss. *Riplingham* for the purpose of holding survey, said ss. *Riplingham* having been in collision with the schooner *Wenoah* of Gloucester, United States, on June of this year.

On examination of said steamship we, said surveyors, find that said ss. *Riplingham* has received no damage by said collision and is in every way fit and seaworthy to proceed on her voyage to her port of destination.

(Signed) WILLIAM MUIRHEAD,
Port Warden.

G. S. SIMONS,
Master of ss. "*Semantha*."

Report of survey on barque "Areola".

PORT OF CHATHAM, N.B., July 7, 1901.

At the request of A. Anderson, master of the barque *Areola* of Frederickstad, Norway 851 tons register tonnage, now in the Port of Chatham, N.B., Dominion of Canada, I, William Muirhead, Port Warden, Robert Walls, Shipwright and Pilot Master and N. Peterson, Master of the Norwegian barque *Ophelia* of Norway, proceeded on board said barque *Areola* for the purpose of holding a survey on said barque, she being listed considerably to the port side.

We found the barque making little or no water, but recommended taking down the fore topgallant mast, fore royal and topgallant yards and main royal yard. This having been done we consider the barque seaworthy and fit to proceed to her port of destination, viz., Belfast, Ireland.

(Signed) WILLIAM MUIRHEAD,
Port Warden.

ROBERT WALLS,
N. PETERSON.

Report of survey on schooner "Johnathan."

PORT OF CHATHAM, N.B., September 7, 1901.

At the request of M. Kalmin, master of the schooner *Johnathan*, of Riga of Russia, 296 tons register tonnage, now at the port of Chatham, New Brunswick, Dominion of Canada, laden with general cargo of salt in bulk and bags, brick, iron, &c., I, William Muirhead, Port Warden for the Port of Chatham, N.B., Dominion of Canada, and Robert J. Walls, Shipwright and Pilot Master, went on board said schooner *Johnathan* and held a survey on hatches and cargo of said schooner and we found all cargo in sight in good order and condition and not damaged by coming in contact with salt water.

(Signed) WILLIAM MUIRHEAD,
Port Warden.

ROBERT J. WALLS,
Pilot Master.

APPENDIX No. 38.

REPORT OF THE PORT WARDEN AT HOPEWELL CAPE, N.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.

HOPEWELL CAPE, December 31, 1901.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—Inclosed please find yearly returns from my office as Port Warden, amounting in all to \$41. Of this amount I received personally \$21, balance to assistants.

Although a very large amount of shipping has visited our port, only one casualty of importance happened, that of the barquentine *Bahama*, which was condemned and sold as she lay on her beam ends.

The schooner *Glad Tidings* having been wrecked and stripped this season, was or is off the books, which I at the time advised.

Yours, &c.,

H. J. BENNETT,
Port Warden.

Memoranda of surveys I held on vessels during season ending December 31, 1901 :

Schooner <i>E. A. Lambord</i> , damaged by being hauled from her moorings ; survey and two assistants and certificate...	\$15 00
Survey and certificate steamship <i>Hermic</i> , repairs on engine, &c.....	8 00
Barquentine <i>Bahama</i> , struck on bar, rolled over and capsized ; two assistants, sold, condemned.....	18 00
	<hr/>
	\$41 00
	<hr/>

HENRY J. BENNETT,
Port Warden.

HOPEWELL CAPE, December 31, 1901.

SESSIONAL PAPER No. 23

APPENDIX No. 39.

REPORT OF THE PORT WARDEN FOR ANNAPOLIS, N.S., FOR THE
YEAR ENDED DECEMBER 31, 1901.

ANNAPOLIS, N.S., December 31, 1901.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of making my report as Port Warden for Annapolis, N.S.,
for the year ending December 31, 1901.

August 16.—Survey on Bkt. <i>Frederica</i>	\$18 00
“ 21.—Second survey on Bkt. <i>Frederica</i>	10 00
December 21.—Survey on hatches <i>Swandilde</i>	2 50
	<hr/>
Fees collected	\$30 50
Paid assistants	15 00
	<hr/>
Net revenue	<u>\$15 50</u>

I have the honour to be, sir,
Your obedient servant,

SIMON W. RILEY,
Port Warden.

APPENDIX No. 40.

REPORT OF THE PORT WARDEN FOR WHITNEY PIER, C.B., FOR THE
YEAR ENDED DECEMBER 31, 1901.

WHITNEY PIER, SYDNEY, C.B.

F. GOURDEAU, ESQ.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Herewith I beg to hand you my report as Port Warden at Whitney Pier, Sydney, N.S., to end of December, 1901. All of which is respectfully submitted.

Your obedient servant,

NELSON TOWNSEND,
Port Warden.

SESSIONAL PAPER No. 23

PORT WARDEN'S REPORT, Whitney Pier, Sydney, Nova Scotia.

Date.	Rig.	Name of Vessel.	Name of Master.	Registered Tonnage.	Cargo.	From.	Where Bound.	DRAUGHT.		Free Board	Fee.
								Fore.	Aft.		
								ft. in.	ft. in.	ft. in.	cts.
1901.											
Aug. 17.	S.S.	Northwestern	Tower	1,496	General.	Chicago, Ill.	Antwerp	15	20	9	00
" 17.	"	Loughrigg Holme.	Johnson	1,316	Deals.	Three Rivers, Que.	London.	19	6	8	00
" 19.	"	Northman	Read	1,496	General	Chicago, Ill.	Hartlepool.	15	19	8	00
" 22.	"	Salopia.	Wm. Burgess	1,548	Phosphate	Fernandina.	Stettin.	21	1	2	00
" 29.	"	Salerno	Neilsen.	1,683	Pig iron.	Sydney, N.S.	Glasgow	21	10	2	00
" 31.	"	Davenport	Wilson.	1,578	Deals.	Quebec, Que.	Pembroke	18	10	3	00
Sept. 3.	"	Nether Holme.	Corley.	1,285	"	Chatham, N.B.	Liverpool.	17	3	2	00
" 3.	"	Bangor	Brown	2,201	"	"	Belfast.	21	3	3	00
" 4.	"	Nith	Stephenson.	1,489	"	Grindstone Island	Manchester.	20	6	10	00
" 6.	"	M. C. Holm	Larsen.	1,672	"	Miramichi, N.B.	Dublin	18	5	2	00
" 18.	"	South Gate.	Thompson	2,378	"	St. John, N.B.	Brow Head	21	4	3	00
Oct. 13.	"	Forest Holme	Beaton	1,544	"	Montreal, Que.	London.	19	9	9	00
" 13.	"	Trold	Gulliksen.	2,075	Pig iron	Sydney, N.S.	Glasgow.	21	9	3	00
" 13.	"	Loughrigg Holme.	Johnson	1,317	Deals.	Quebec, Que.	London.	18	6	9	00
" 13.	"	Polarstgeren	Branth.	2,199	"	Chatham, N.B.	Manchester.	18	7	2	00
" 21.	S.C.	Syanara	Verner.	299	Bricks.	Philadelphia, U.S.	Sydney, N.S.	Survey on hatches.			00
Nov. 4.	S.S.	Almora	Fairley	2,835	Pig iron	Sydney, N.S.	Glasgow.	22	4	23	00
" 8.	"	Mira	Muir.	2,409	"	"	Liverpool	21	6	8	00
" 15.	"	H. W. Jarlsberg	Kjerland	1,941	" and ammonia.	"	Boston.	21	6	7	00
" 22.	"	Mora	Nicholson.	1,965	"	"	Glasgow	21	5	6	00
" 26.	"	Poka	Beaven.	1,968	Deals.	Chatham, N.B.	Manchester.	19	11	5	00
" 29.	"	Eva	Meyer.	1,931	Coal.	Sydney, N.S.	Bergen.	16	6	2	00
Dec. 2.	"	Inca.	Cox	1,930	Pig iron	"	Liverpool	22	9	2	00
" 3.	"	Trold	Gulliksen.	2,075	"	"	Glasgow	21	3	21	00
" 18.	"	Ceylon.	Johansen.	1,443	Deals.	Chatham, N.B.	Fleetwood	21	3	8	00
" 29.	"	Almora	Fairley.	2,835	Pig iron	Sydney, N.S.	Glasgow	18	4	18	00
				46,908				22	4	23	00
											208 00

NEELSON TOWNSEND,
Port Warden.

APPENDIX No. 4I.

REPORT OF THE PORT WARDEN FOR VANCOUVER, B.C., FOR THE
YEAR ENDED DECEMBER 31, 1901.

VANCOUVER, B.C., January 6, 1902.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting to you my annual report of Port Warden of the port of Vancouver, B.C., for the year ending December 31, 1901.

Amount of fees received for the surveys of hulls, hatches and cargoes, \$424.00.

MALCOLM McLEOD,
Port Warden.

APPENDIX No. 42.

REPORT OF THE PORT WARDEN FOR VICTORIA AND ESQUIMALT,
B.C., FOR THE YEAR ENDED DECEMBER 31, 1901.

VICTORIA, B.C., January 3, 1902.

The Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour of submitting my annual report as port warden for the ports of Victoria and Esquimalt, for the year ending December 31, 1901.

Amount of fees received for surveys on the hatches of 4 vessels.....	\$200 00
Amount received for surveys on cargoes, hulls, &c.....	469 50
Total fees received.....	<u>\$669 50</u>

I have the honour to be, sir,
Your obedient servant,

CHARLES E. CLARKE,
Port Warden.

APPENDIX No. 43.

REPORT OF THE PORT WARDEN FOR MONCTON, N.B., FOR THE YEAR
ENDED DECEMBER 31, 1901.

MONCTON, N.B., December 31, 1901.

To the Deputy Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I beg leave to report that nothing has been done at this port for the year ending December 31, 1901.

JAMES HAMILTON,
Port Warden.

APPENDIX No. 44.

HARBOUR MASTERS.

TABLE showing the names of Ports proclaimed under certain Dominion Acts, the provisions of which are found in Chapter 86, Revised Statutes of Canada, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amount which each of their salaries is not to exceed; the amount of fees collected by each of them during the calendar year ended December 31, 1901, and the over-plus, if any, paid in to the credit of the Receiver General.

PROVINCE OF ONTARIO.

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1901.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Collingwood.....	Mar. 3, '77	Andrew Lockerbie.....	Mar. 3, '77	200 00	73 00	.....
Depôt Harbour.....	June 15, '98	J. F. Pratt.....	June 15, '98	200 00	.....	.....
Fort William.....	July 7, '91	Thos. E. Oakley.....	May 21, '97	400 00	.....	.....
French River.....	June 20, '93	E. Borron, jun.....	June 20, '93	200 00	.....	.....
Goderich.. ..	April 22, '76	William Marlton.....	May 8, '94	300 00	.....	.....
Midland.....	July 22, '82	John White.....	July 13, '97	200 00	91 50	.....
Parry Sound.....	Mar. 19, '83	John Purvis.....	Oct. 9, '00	200 00	25 00	.....
Penetanguishene.....	Feb. 2, '77	Francis Dusome.....	June 3, '81	200 00	16 00	.....
Port Arthur.....	May 12, '84	B. Guerard.....	May 21, '97	200 00	77 00	.....
Port Stanley.....	Jan. 15, '98	Frank E. Shepherd.....	Jan. 15, '98	200 00	.....	.....
Rondeau.....	" 4, '78	W. R. Fellowes.....	Dec. 17, '88	100 00	11 00	.....
Southampton.....	Sept. 13, '75	W. H. Johnston.....	Oct. —, '82	100 00	42 00	.....
Sarnia.....	July 25, '85	Robert McAdam.....	May 3, '86	300 00	.....	.....

PROVINCE OF QUEBEC.

Amherst.. ..	Sept. 2, '78	John Cassidy.....	Sept. 2, '78	200 00	.....	.....
Bersimis.....	July 31, '91	Earl D. Chase	July 31, '91	200 00	.....	.....
Carleton.. ..	Dec. 8, '81	Joseph E. Cullen.....	Mar. 30, '96	200 00	.....	.....
Chicoutimi.....	June 17, '85	Ainsworth Sturton.....	June 8, '86	200 00	.....	.....
Grand Entry.....	Feb. 19, '92	Geo. Rumley.....	Jan. 12, '01	200 00	1 00	.....
Grand River.....	April 3, '00	Geo. Beaudin.. ..	April 3, '00	100 00	5 50	.....
Gaspé.....	Sept. 22, '74	Francis G. Eden.....	" 3, '89	500 00	.....	.....
House Harbour	Aug. 9, '87	C. Lafrance.....	Dec. 10, '96	200 00	10 00	.....
Lachine.....	April 19, '80	.....	.....	.....	.....	.....
Matane.....	Oct. 19, '77	L. J. Levasseur.....	Dec. 12, '96	200 00	69 50	.....
Métis.....	Feb. 7, '78	J. H. Eerguson.....	Mar. 10, '96	200 00	.....	.....
New Carlisle.....	" 25, '89	John C. Hall.....	Jan. 17, '95	200 00	2 50	.....
New Richmond	April 3, '82	Henry Leblanc	April 3, '82	200 00	13 50	.....
Oak Bay.....	Mar. 22, '80	Jas. D. Sowerby.....	Mar. 22, '80	200 00	.....	.....
Paspébiac.....	May 22, '77	W. L. Kempffer	Sept. 21, '00	150 00	55 50	.....
Port Daniel.....	Mar. 25, '89	Claude H. Sweetman.....	Mar. 12, '01	200 00	4 50	.....
Rimouski.....	" 5, '77	A. P. St. Laurent.....	May 13, '96	200 00	56 50	.....
Rivière Ouelle	July 22, '82	.....	.....	100 00	.....	.....
Rivière du Loup.....	June 19, '00	P. E. Tremblay.....	June 19, '00	100 00	55 00	.....
St. Thomas	Dec. 21, '85	L. Dionne.....	Oct. 22, '96	200 00	83 50	.....
St. Johns.....	Within the	G. H. Farrar.....	Mar. 20, '97	500 00	.....	.....
Sorel.....	Harbour of	J. A. Proulx.....	June 6, '01	300 00	288 50	.....
	Montreal.	.....	.....	.....	.....	.....
Trois Pistoles	Mar. 28, '98	Edouard T. Pettigrew.....	April 11, '90	100 00	23 00	.....

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NEW BRUNSWICK.

Name of Port.	Date of Proclamation.		Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1901.	Amount paid over to Receiver General.
					\$ cts.	\$ cts.	\$ cts.
Alma.....	May	2, '98	Gideon W. Parsons	May 2, '98	100 00	14 00	.....
Bathurst.	July	9, '73	M. T. Daley.....	April 21, '96	200 00	70 00	.....
Black's Harbour and Beaver Harbour.....	Sept.	17, '83	E. W. Cross	Sept. 17, '83	100 00	.....	.....
Buctouche.	July	7, '73	H. Hutchinson.....	April 17, '97	100 00	.....	.....
Campbellton.. ..	"	9, '73	A. J. Venner.. ..	" 12, '93	200 00	96 00	.....
Campobello.	"	7, '73	W. E. Sulis.....	Dec. 16, '92	100 00	.....	.....
Cape Tormentine.	May	7, '95	M. S. Treen.....	May 13, '01	200 00	48 00	.....
Caraquet.....	"	30, '74	Louis Poirier	April 17, '83	150 00	7 50	.....
Chatham.....	July	7, '73	R. J. Walls.....	" 13, '98	300 00	322 50	22 50
Cocagne	"	7, '73	H. Bourgeois	Mar. 12, '97	100 00	0 50	.....
Dalhousie.....	"	8, '74	W. S. Smith.....	" 19, '88	200 00	143 00	.....
Dorchester.....	"	9, '75	James Shea.....	Oct. 25, '00	200 00	20 50	.....
Fairhaven.....	"	30, '01	Alonzo Calder	July 30, '01	200 00	.....	.....
Fredericton	May	30, '73	Vacant. ....	.....	.....	.....	.....
Grand Manan, North...	Aug.	22, '89	Newton L. Thomas	Oct. 9, '01	100 00	.....	.....
Grand Manan, South...	"	22, '89	Turner Ingalls.....	May 23, '01	100 00	.....	.....
Gull Rock Channel.....	Jan.	14, '98	Wm. L. Kent.....	Jan. 14, '98	100 00	.....	.....
Great Shemogue.....	May	30, '73	Vacant.....	.....	100 00	.....	.....
Harvey.....	"	30, '73	Jas. E. Bishop.....	June 22, '97	100 00	43 00	.....
Heron Channel.....	July	15, '97	Duncan Robertson.....	July 15, '97	200 90	38 50	.....
Hillsborough.....	May	30, '73	John O'Shaughnessy	April 13, '98	100 00	.....	.....
Hopewell Cape.....	Aug.	25, '91	John H. Christopher.....	June 26, '99	200 00	49 50	.....
Ledge of St. Stephens ..	May	17, '73	W. McBean	" 12, '94	100 00	.....	.....
Letete, &c.....	Sept.	22, '83	Jacob Cook.....	Nov. 26, '97	100 00	4 00	.....
Little Shippegan and Miscou Gully	April	19, '86	Donald Harper.....	April 19, '86	100 00	.....	.....
Little Shemogue.....	Sept.	5, '88	Vacant.....	.....	100 00	.....	.....
Moncton	May	30, '73	E. P. Cook.....	April 11, '95	200 00	.....	.....
Musquash.....	Mar.	26, '74	J. McNulty.....	Sept. 28, '96	100 00	6 00	.....
Newcastle.....	May	30, '73	John Niven.....	July 7, '73	300 00	136 50	.....
North Joggins.....	"	30, '73	Vacant.....	.....	.....	.....	.....
Port Elgin and Bay Verte	Feb.	6, '73	Andrew Grant.....	May 7, '01	200 00	.....	.....
Pokemouche.	June	23, '83	M. Landry	" 13, '01	100 00	.....	.....
Richibucto.....	May	30, '73	James Alexander Jardine..	" 11, '74	200 00	31 50	.....
Rockland	"	30, '73	Vacant.....	.....	.....	.....	.....
Sackville	"	30, '73	John A. Bowser	Aug. 8, '98	200 00	.....	.....
St. Andrew's.	"	30, '73	John Wren.....	May 6, '84	100 00	86 50	.....
St. George.....	"	30, '73	Geo. W. McKenzie.....	" 10, '00	100 00	15 50	.....
St. Martin and Quaco ..	"	14, '74	Joseph Carson	" 14, '74	100 00	.....	.....
Shediac.....	"	30, '75	Alexander McQueen	" 19, '76	300 00	50 00	.....
Shippegan	"	30, '73	Auguste Robichaud.....	Mar. 29, '01	100 00	.....	.....
Tracadie.....	July	9, '75	Theodore Savoy.....	Sept. 23, '99	100 00	12 50	.....
Waterside.....	Sept.	3, '89	W. C. Anderson.....	May 24, '01	100 00	.....	.....
West Isles.. ..	July	30, '01	B. Simpson.....	Sept. 27, '01	200 00	.....	.....

PROVINCE OF NOVA SCOTIA.

Abbot's Harbour.....	May	23, '01	F. U. D'Entremont.....	May 23, '01	200 00	.....	.....
Advocate	May	13, '80	Wm. Mills.....	Mar. 17, '99	100 00	21 50	.....
Annapolis.....	Feb.	5, '75	John Lindgren.....	July 7, '98	200 00	50 00	.....
Apple River	Aug.	5, '86	Robt. D. Field.....	Sept. 9, '90	200 00	24 00	.....
Arichat.....	April	22, '79	B. Gerrior.....	May 23, '01	200 00	8 00	.....
Baddeck.....	Sept.	15, '75	Alex. McAulay	Dec. 10, '90	100 00	.....	.....
Barrington	April	1, '81	B. Kenney.....	July 6, '93	200 00	11 00	.....
Bayfield	"	11, '79	John McDonald	" 11, '79	200 00	Nil.	.....
Bay St. Lawrence.....	April	21, '87	G. Zwicker.....	April 21, '87	200 00	.....	.....
Bear River.....	Sept.	22, '74	Wm. McFadden.....	Sept. 27, '97	100 00	43 00	.....
Beaver Harbour.....	July	5, '80	Henry Hawboldt.....	" 22, '88	100 00	12 50
Big Harbour	June	9, '83	Donald McKenzie.....	May 28, '83	100 00

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TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not	Amount collected in 1901.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Bridgewater.....	Mar. 6, '74	William Oakes..	Jan. 28, '96	100 00	76 50	..
Bras d'Or, including New Campbellton.....	" 6, '74	Wm. Livingstone.....	Feb. 13, '94	200 00	12 50	..
Cape Canso.....	June 6, '76	William A. H. Oliver.....	Mar. 2, '99	100 00	117 50	17 50
Cape Negro or North East Harbour.....	May 18, '81	A. D. Perry.....	May 18, '81	200 00	10 00	..
Chester.....	Sept. 8, '83	A. C. Corkum	July 8, '96	100 00	..	..
Cheticamp.....	April 15, '76	Fulgence Aucoin	April 15, '76	100 00	..	..
Clark's Harbour.....	June 1, '81	J. B. Brannen.....	June 1, '81	200 00	6 00	..
Clementsport.....	May 1, '77	J. M. LeCain.....	Oct. 18, '98	150 00	7 50	..
County Line to Grand Narrows.....	May 28, '83	Vacant.....	..	..	..	..
Crow Harbour.....	Sept. 30, '88	A. Ehler.....	Aug. 30, '97	100 00	..	..
D'Escousse.....	Jan. 23, '85	John Pertus	June 29, '01	100 00	19 00	..
Digby	Feb. 19, '78	Israel Hersey.....	May 21, '97	200 00	63 00	..
East Bay	Aug. 25, '83	Donald McInnis	April 5, '86	100 00	..	..
Fourchie.....	May 22, '89	Neil MacLean	May 22, '89	100 00	1 50	..
Gaberouse.....	Mar. 3, '79	John Wm. Hardy.....	Nov. 2, '86	100 00	Nil.	..
Glasgow and Cape Breton Pier, Sydney.....	Oct. 30, '80	Angus McQuarrie.....	Oct. 30, '80	300 00	128 00	..
Guysboro	Jan. 15, '89	Abram Bigsby.....	July 27, '00	100 00	..	..
Halifax.....	No proclamation required by Act	J. E. Butler	Sept. 21, '93	1,800 00	1,644 50	..
Hantsport.....	June 7, '84	Edward Davidson.....	June 7, '84	225 00	180 00	..
Ingonish, North Bay of	Mar. 24, '81	William Thomson.....	Mar. 24, '81	200 00	..	..
" South "	Oct. 9, '84	James Doucette.....	April 30, '01	100 00	..	..
International Pier, Sydney	" 30, '80	Michael J. Neville.....	Oct. 30, '80	300 00	389 00	89 00
Isaac's Harbour.....	" 30, '89	Thomas W. Cook.....	June 19, '00	100 00	15 00	..
Jeddore.....	Sept. 20, '90	Wm. Jennox.....	Sept. 20, '90	100 00	8 50	..
Jordan Bay.....	Oct. 25, '76	Freeman Thorburn.....	Mar. 11, '01	150 00	23 50	..
Kelly Cove.....	Feb. 17, '99	Jos. B. Huskins.....	Feb. 17, '99	100 00	..	..
LaHave or Getson's Cove	" 25, '75	George Henry Zwicker	" 25, '75	300 00	34 50	..
L'Ardoise, Upper and Lower	Aug. 22, '84	George Burke.....	Aug. 20, '84	100 00	..	..
Lingan.....	July 12, '81	Thomas Laffin.....	July 12, '81	200 00	..	..
Liscomb.....	May 18, '81	Lewis Wilson.....	Feb. 20, '00	200 00	..	..
Little Bras d'Or Lake between McKay's Point and Grand Narrows..	April 25, '84	Daniel Campbell	April 17, '99	100 00	..	..
Little Bras d'Or Lake from McKay's Point to Washadebuck River..	" 25, '84	Alex. J. McNeil.....	" 25, '84	100 00	..	..
Little Glace Bay.....	July 23, '74	E. Douglas Rigby.....	May 8, '84	200 00	15 50	..
Little Narrows to Cranberry Point.....	June 9, '83	K. McLennan	Nov. 1, '97	100 00	2 00	..
Liverpool	Jan. 19, '77	Isaac V. Dexter.....	Oct. 7, '99	200 00	..	..
Lockeport.....	May 18, '81	E. A. Capstick	May 18, '81	200 00	..	..
Louisburg.....	Mar. 17, '79	H. C. V. Lavatte.....	Oct. 13, '98	200 00	..	..
Lunenburg.....	Dec. 3, '75	John Loye.....	Dec. 10, '96	150 00	144 00	..
Mabou.....	June 23, '80	John McInnis	July 11, '00	100 00	Nil.	..
Mahone Bay.....	May 16, '87	J. A. Mader.....	Jan. 21, '01	200 00	..	..
McNair's Cove.....	Mar. 8, '75	Ronald McEachen	Mar. 8, '75	150 00	..	..
Main à Dieu.....	July 21, '86	Vacant.....	..	..	..	..
Marble Mountain.....	" 26, '92	D. McDonald.....	July 26, '92	200 00	0 50	..
Margaretsville.....	Mar. 26, '78	Robert Early.....	Mar. 26, '78	100 00	..	..
Margaret's Bay.....	July 9, '75	Henry C. Garrison.....	Dec. 14, '01	100 00	..	..
Margaree.....	June 5, '86	Nicolas Deagle.....	Feb. 27, '93	100 00	..	..
Marie Joseph.....	Jan. 23, '95	John Davis.....	Jan. 23, '95	100 00	..	..

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF NOVA SCOTIA—*Concluded.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1901.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Merigomish.....	Mar. 26, '78	D. McGregor.....	Mar. 22, '93	100 00	2 50	..
Meteghan Harbour.....	June 8, '97	B. F. Robichaud.....	June 8, '97	100 00	.....	.....
Meteghan River.....	Feb. 10, '83	L. A. Comeau.....	" 1, '97	100 00	2 00	..
Musquodoboit.....	May 19, '82	David Williams.....	May 19, '82	100 00	4 00	.....
New Haven.....	" 28, '83	H. A. McLeod.....	Aug. 17, '89	100 00	.....	.....
Neil's Harbour.....	" 28, '83	A. Hayman.....	May 28, '83	100 00	.....	.....
Northport.....	June 27, '82	John M. Burns.....	June 27, '82	100 00	25 50	.....
North-west Cove, Coleman's Cove and Aspotogan Harbour.....	Dec. 29, '76	P. Boutillier.....	" 30, '92	200 00	.....	.....
Parrsboro.....	Oct. 30, '80	R. T. Smith.....	April 30, '01	300 00	83 00	.....
Petit de Grat.....	June 5, '95	S. Boudrot.....	June 5, '95	200 00	.....	.....
Petite Rivière Bridge.....	" 23, '83	John Nelson Parks.....	April 27, '88	100 00	.....	.....
Plaster Harbour.....	May 6, '74	Vacant.....	.....	.....	.....	.....
Port George.....	" 1, '77	Charles B. Weaver.....	May 1, '77	150 00	.....	.....
Port Greville.....	Mar. 5, '80	Wm. Cochrane.....	Oct. 26, '98	200 00	30 50	..
Port Hawkesbury.....	July 9, '75	Daniel Henesey.....	July 9, '75	200 00	119 50	.....
Port Hood.....	" 9, '75	John H. Murphy.....	" 9, '75	200 00	.....	.....
Port la Tour.....	April 14, '81	Wm. Sholds.....	Feb. 15, '98	200 00	3 00	.....
Port Lorne.....	Mar. 13, '86	Freeman Beardsley.....	June 9, '97	200 00	20 00	.....
Port Maitland.....	May 26, '85	Josiah Ellis.....	Dec. 10, '96	200 00	.....	.....
Port Morien.....	Mar. 3, '79	Hector McDonald.....	Mar. 3, '79	400 00	17 50	.....
Port Mulgrave.....	" 8, '76	James McKay.....	May 1, '01	200 00	14 00	.....
Port Medway.....	June 25, '79	S. Manthorn.....	Feb. 2, '99	200 00	.....	.....
Pubnico.....	Sept. 27, '82	D. Q. Amireau.....	Sept. 27, '82	100 00	41 50	.....
Pugwash.....	Oct. 22, '73	C. T. DeWolfe.....	May 6, '95	100 00	35 00	..
Ritcey's Cove.....	Sept. 29, '84	T. J. C. Creaser.....	Jan. 8, '01	100 00	44 50	.....
River Bourgeoise.....	April 19, '86	E. C. Bouchie.....	April 19, '86	100 00	3 00	.....
River John.....	Mar. 26, '78	H. Campbell.....	June 11, '91	100 00	50	.....
St. Ann's.....	April 20, '81	George Fader.....	Dec. 29, '00	200 00	3 50	.....
St. Mary's River.....	May 18, '81	John P. Burns.....	Dec. 23, '01	200 00	6 00	.....
St. Peter's.....	Jan. 24, '81	Peter McNeil.....	Sept. 17, '83	200 00	89 00	.....
Sambro.....	Dec. 23, '79	Ben Smith.....	May 27, '90	200 00	25 50	.....
Sheet Harbour.....	May 14, '74	H. Hall.....	April 13, '98	200 00	.....	.....
Shelburne.....	Aug. 27, '77	John C. Morrison.....	May 4, '97	200 00	159 50	.....
Ship Harbour.....	June 2, '84	Conrad Marks.....	June 2, '84	100 00	52 50	.....
Spencer's Island.....	May 22, '99	Baxter McLellan.....	May 22, '99	100 00	.....	.....
Tangier.....	Nov. 14, '01	Chas. A. Hilchey.....	Nov. 14, '01	200 00	.....	.....
Tatamagouche.....	Feb. 27, '78	Wm. Rielly.....	June 1, '00	200 00	.....	.....
Tidnish.....	Aug. 10, '80	Manford Oxley.....	Oct. 22, '01	100 00	.....	.....
Tiverton.....	April 3, '00	Joel Blackford.....	April 3, '00	100 00	.....	.....
Torbay and Whitehaven.....	May 18, '81	Andrew Haley.....	Dec. 10, '97	200 00	.....	.....
Tusket.....	Mar. 1, '75	Charles W. Hatfield.....	Mar. 7, '87	100 00	20 50	.....
Tusket Wedge.....	Dec. 19, '99	James LeBlanc.....	Mar. 16, '01	100 00	55 50	.....
Victoria Pier, SouthBar, Sydney.. ..	July 25, '84	Ernest Richardson.....	Nov. 1, '97	200 00	.....	.....
Wallace.....	Oct. 22, '73	Jas. D. Patton.....	Feb. 14, '96	100 00	1 00	..
West Arichat.....	Aug. 20, '90	A. B. Poirier.....	Oct. 7, '96	100 00	14 50	.....
West Bay.....	May 8, '84	John McInnis.....	May 8, '84	100 00	2 50	.....
West Port.....	Mar. 8, '87	Geo. Welsh.....	Jan. 29, '98	200 00	30 50	.....
Weymouth.....	May 21, '94	R. Payson.....	May 29, '97	200 00	27 00	.....
Whycocomagh.....	Oct. 8, '75	Neil McKinnon.....	Oct. 8, '75	100 00	.....	.....
Wolfville.....	Aug. 16, '01	J. L. Franklin.....	Aug. 16, '01	100 00	.....	9 00
Wood's Harbour.....	Feb. 19, '92	S. K. Woods.....	Feb. 19, '92	200 00
Yarmouth.....	Mar. 1, '75	Ebenezer Scott.....	Oct. 19, '77	250 00	236 50

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TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF PRINCE EDWARD ISLAND.

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1906.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Alberton.....	June 17, '74	John Kingh.....	July 30, '01	200 00		
Bay Fortune.....	April 10, '75	John R. Coffin	April 29, '78	200 00		
Brudenell	July 25, '85	Vacant.....		200 00		
Cape Traverse.....	May 23, '84	"		100 00		
Cardigan River, including Cardigan Bridge..	July 2, '78	Hercules McDonald.....	July 2, '78	200 00		
Cardigan River, from head of river to north bank Mitchell River..	May 16, '78	Joseph Livingstone.....	Nov 14, '01	100 00		
Cove Head.....	" 15, '80	James D. McMillan.....	May 15, '80	100 00		
Charlottetown and Hillsboro River.....	June 17, '74	David Small.....	Feb. 19, '77	400 00	141 50	
Crapaud.....	" 17, '74	Wesley Myers.....	June 17, '74	200 00		
Egmont Bay.....	" 17, '74	George Bollum.....	Nov. 3, '85	200 00		
Georgetown.....	" 17, '74	Samuel James Hemphill.....	Sept. 27, '01	200 00	18 00	
Grand River.....	April 10, '75	Wm. Chas. Jenkins.....	May 4, '97	200 00		
Grand River, down to and including Poplar Point and Chapel Wharf.....	May 16, '79	Vacant.....		200 00		
Malpeque.....	June 20, '74	J. Champion.....	Dec. 10, '96	200 00		
Miminegash.....	April 12, '80	Martin Hustler..	Jan. 25, '01	100 00	1 50	
Montague Bridge.....	June 7, '74	Welton Porter	April 7, '97	200 00	15 50	
Murray Harbour.....	" 7, '74	Wm. Miller.....	June 17, '74	200 00		
Murray River.....	May 16, '79	Geo. McLedo.....	Feb. 9, '97	200 00	6 50	
New London.....	June 17, '74	Wm. Bell.....	Aug. 25, '96	200 00	2 50	
Pinette.....	" 17, '74	Daniel McAulay.....	Dec. 18, '97	200 00		
Port Hill.....	" 17, '74	W. C. Brown.....	June 20, '98	200 00		
Pownal.....	July 10, '79	Michael Haley.....	Mar. 30, '97	100 00		
Rollo Bay.....	April 10, '75	Vacant.....		200 00		
Rustico.....	May 5, '75	Felix Buote.....	Mar. 1, '97	200 00		
St. Peter's Bay.....	April 10, '75	George Barry.....	May 3, '01	200 00		
Souris East and West...	" 10, '75	Wm. McDonald	Sept. 21, '99	200 00	Nil.	
Summerside.....	June 17, '74	Wm. Stymest.....	Oct. 20, '97	200 00	51 00	
Tignish.....	April 22, '90	Vacant.....				
Tracadie.....	May 5, '75	Donald Campbell.....	Aug. 27, '95	200 00		
Tryon.....	April 12, '77	Vacant.....		200 00		
Vernon River Bridge...	June 17, '74	John Finlay.....	Oct. 9, '84	200 00		
West River.....	May 5, '75	Vacant.....		200 00		
Wood Island.....	" 22, '99	James Young.....	May 22 '99	100 00	13 00	

PROVINCE OF BRITISH COLUMBIA.

Chemainus.....	March 2, '97	Lewis G. Hill.....	Mar. 2, '97	200 00	255 00	55 00
Comox.....	April 25, '96	Geo. H. Rowe.....	April 25, '96	200 00	192 50	
Nanaimo and Departure Bay.....	" 25, '76	Harry Cooper.....	Feb. 25, '97	500 00	203 00	
New Westminster.....	Jan. 23, '80	Joseph Reichenbach.....	May 15, '01	400 00	89 00	
Quadra.....	April 17, '77	Vacant.....		300 00		
Vancouver, including Burrard Inlet	Feb. 22, '88	Malcolm McLeod.....	Jan. 14, '97	600 00	571 00	
Victoria and Esquimalt.	Mar. 8, '75	C. E. Clarke	Nov. 3, '94	600 00	615 50	15 50

F. GOURDEAU,
Deputy Minister Marine and Fisheries.

Port Hood	Inverness	E. D. Tremain	Nil.	Nil.	Nil.	18 10
Port la Tour	Shelburne	J. W. Taylor				
Port Lorne	Annapolis	W. Graves				
Port Medway	Queen's	E. E. Leston				
Port Morien	Cape Breton	W. W. Bown				
Port Mulgrave	Guysboro	M. J. Keating	3	1 80	11	37
Port Williams	King's	G. S. Lockwood				
Pubnico	Yarmouth	W. H. Amiro				
Pugwash	Cumberland	J. Wilson				
Ritey's Cove	Lunenburg	E. G. Sealbover				
River Hebert	Cumberland	A. W. Pugsley			28	
St. Ann's	Cape Breton	D. McAvlay				
St. Peter's	Richmond	Donald Urquhart				
Salmon River	Digby	I. H. C. Penny				
Sheet Harbour	Halifax	M. McFarlane				
Shelburne	Shelburne	W. W. Atwood	51	16 30 30	45	33
Sydney	Cape Breton	James Radderham			263	
Sydney, Int. Pier	"	Vincent Mullins	58	30		57 90
Thorne's Cove	Annapolis	E. H. Porter				
Truro	Colchester	George P. Nelson				
Tatamagouche	"	J. A. G. Campbell				
Wallace	Cumberland	Charles D. Kerr				
Walton	Hants	H. Woolaver				
West Arichat	Richmond	B. Poirier		5 50		
Weymouth	Digby	N. B. Jones				
Windsor	Hants	A. H. Spence				
Wolfville	King's	J. B. Davidson				
Yarmouth	Yarmouth	A. L. Trepan	408	317 299 10	626	939 798 70

PRINCE EDWARD ISLAND.

Alberton.....	J. P. Brennan.....					
Charlottetown	H. W. Mutch.....					
Capeau.....	S. J. B. Leard.....					
Georgetown.....	Charles Owen.....	6	3 00	17	10	14 50
Malpeque	J. M. MacNutt.....				Nil.	
Montague Bridge.....	J. M. Aitken.....					
Murray Harbour.....	H. J. Brebant.....					
Pinette.....	H. D. Morrison.....					
Port Hill.....	W. Hopgood.....					
St. Peter's Bay.....	J. A. McLaine.....					
Souris.....	Michael J. Foley.....					
Summerside.....	Jos. Reed.....	8		6	6	
Tignish.....	George Conroy.....					

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APPENDIX No. 46.

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN SEA-GOING VESSELS during the year ended June 30, 1901.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1900.					\$ cts.
3398	July 19..	Henry J. Hobbs	Mate.....	Sunderland, G.B....	Victoria, B.C....	8 00
3399	" 19..	Edward C. Sears	Master.....	Montreal, Que.....	Halifax, N.S....	15 00
3400	" 19..	James C. McPherson....	Mate.....	Port Daniel, P.Q.....	"	8 00
3401	" 24..	Otto Bucholz	Master.....	Victoria, B.C.....	Victoria, B.C....	15 00
3402	Aug. 14..	Forbes McD. McIntosh....	"	Digby, N.S.....	Halifax, N.S....	15 00
3403	.....	Clifton Smith	2nd Mate ..	New Carlisle, P.Q.....	"	8 00
3404	.....	Samuel Schmeisser	Master.....	La Have, N.S.....	"	15 00
3405	Sept. 27..	D. L. McRoberts	Mate.....	St. Andrews, N.B.....	St. John, N.B....	8 00
3406	.....	Joseph E. Faulkner	2nd Mate ..	Hantsport, N.S.....	Halifax, N.S....	8 00
3407	.....	Isaac H. Cann	"	Louisburg, N.S.....	"	8 00
3408	.....	Chas. R. Glenn	"	Cheverie, N.S.....	"	8 00
3409	.....	Andrew Mundewitz.....	Master.....	Cardiff	St. John, N.B....	15 00
3410	Sept 29...	Alfred Bewsher	Mate.....	Ladysmith, B.C.....	Victoria, B.C....	8 00
3411	Oct. 26..	Harry S. Morris	2nd Mate ..	Advocate, N.S.....	Halifax, N.S....	8 00
	1901.					
3412	Dec. 6..	John O. Townsend.....	Master F. & A. sail.vessel	Victoria, B.C.....	Victoria, B.C....	15 00
	1900.					
3413	Dec. 26..	Byron H. Morehouse....	Mate.....	Sandy Cove, N.S.....	St. John, N.B....	.....
3414	Nov. 19..	Bernard Firth	"	London, Eng	Halifax, N.S....	8 00
3415	Dec. 14..	Avardh Brenton	Master.....	Port Lorne, N.S.....	Yarmouth, N.S....	15 00
3416	.....	Norman E. Smith	Mate.....	Woods Harbour, N.S....	" .....	.....
3417	.....	Thos. Anderson.....	Master.....	St. John, N.B.....	St. John, N.B....	15 00
	1901.					
3418	Jan. 15..	Dan'l McA. McKenzie ..	Master.....	Pictou, N.S.....	Halifax, N.S....	15 00
3419	.....	Robert A. Bartlett	2nd Mate ..	Brigus, Nfld.....	"	8 00
3420	Jan. 24..	Matthew J. Davis	Master.....	Clifton, N.S.....	"	15 00
3421	.....	Robt. McK. Cliffe.. ..	Mate....	Parnell, Auckland, N.Z.	St. John, N.B....	8 00
3422	Feb. 16..	John Hearn.....	2nd Mate*	Halifax, N.S.....	Halifax, N.S....	.....
3423	.....	Walter Hart	"	Main à Dieu, N.S.....	"	8 00
3424	.....	T. Roy Coffin	"	Barrington, N.S.....	"	8 00
3425	Mar. 2..	Wilbert L. Loomer	"	Advocate Harbour, N.S.	St. John, N.B....	.....
3426	" 13..	Richard Marshall	Master....	Inslow, Eng.....	Halifax, N.S....	15 00
3427	April 17..	Horace McCully	Mate.....	Masstown, N.S.....	"	8 00
3428	.....	Elias A. Burgess.....	Master....	Cheverie, N.S.....	"	15 00
3429	.....	Frank R. Churchill.....	"	Halifax, N.S.....	"	15 00
3430	May 7..	Luc Pelletier.	"	L'Islet, P.Q.....	"	15 00
3431	" 7..	Chas. Green	"	Victoria, B.C.....	Victoria, B.C....	15 00
	1900.					
3357	Sept. 24..	Wm. H. Atwood.....	Master.....	Barrington, N.S.....	Yarmouth, N.S....	.....
3358	Oct. 10..	John McCrae	Mate.....	Bandford, N.S.....	"	4 00
3359	" 16..	Colin T. McKay	Master.....	Lockport, N.S.....	Lunenburg, N.S....	8 00
3360	Nov. 5..	R. C. McCorquodale ..	"	Sault Ste. Marie, Ont..	St. Catharines, O	8 00
3361	" 13..	John S. Wolfe	"	La Have, N.S.....	Halifax, N.S....	.....
3362	" 17..	Chas. L. Day	Mate.....	Jeddore, N.S.....	"	4 00
	1901.					
3363	Jan. 9..	Benj. N. Eden.....	Master.....	Vancouver, B.C.....	Vancouver, B.C....	8 00
3364	Mar. 14..	Thos. Stanton	"	Sparrow Lake, Ont.....	St. Catharines, O	8 00
3365	May 21..	Isaiah C. Rhude	"	Montague Bridge, P.E.I.	Charlottetown, P.E.I.....	8 00

* Steamships only.

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, during the year ended June 30, 1901.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination passed.	Fee.
	1900.					\$ cts.
3029	July 5..	Thomas R. Hull	Master.....	Clarina	Ottawa, Ont.....	5 00
3030	" 5..	Henry Willis	"	Carleton Place, Ont.....	"	5 00
3031	" 5..	Charles D. Barber	"	Winnipeg, Man.....	Winnipeg, Man.....	5 00
3032	" 7..	Oskar Osler	"	New Mills N.B.	Dalhousie, N.B.....	15 00
3033	" 7..	John McLachlin	"	Spanish River, Ont	Spanish River	15 00
3034	" 7..	John Wm. Hutt	"	Port Medway, N.S.....	Halifax, N.S.....	15 00
3035	" 10..	Edward B. Rhoda	"	Vancouver, B.C.....	Victoria, B.C.....	15 00
3036	" 10..	Murdock Beaton	"	Cumberland, Ont.....	Ottawa, Ont.....	15 00
3037	" 10..	Bennett M. Dykeman	"	St. John, N.B.....	St. John, N.B.....	15 00
3038	" 11..	Alexander Lester	"	Vancouver, B.C.....	N. Westminister	15 00
3039	" 11..	Wm. Osborne Street	"	New Westminister, B.C..	"	15 00
3040	" 11..	Isaac Watt	"	Windsor, Ont.....	Kingston, Ont.....	15 00
3041	" 11..	George Reid	"	Cardinal, Ont.....	Ottawa, Ont.....	15 00
3042	" 13..	Louis A. Moore	Mate	North Sydney, C.B., N.S.	Sydney, N.S.....	6 00
3043	" 13..	Midley Dykeman	Master.....	Jemseg, N.B.....	Fredericton, N.B.....	15 00
3044	" 19..	Roy W. Troup	Mate	Nelson, B.C.....	Victoria, B.C.....	6 00
3045	" 19..	David George Kurtz	Master.....	"	"	15 00
3046	" 19..	Thos. Foster	"	Victoria, B.C.....	"	15 00
3047	" 19..	Victor L. E. Larzon	"	Nanaimo, B.C.....	"	15 00
3048	" 19..	Reuben H. Gardner	Mate.....	Comeau's Hill, N.S.....	Yarmouth, N.S.....	6 00
3049	" 19..	Frank G. Morin	"	Lakefield, Ont	Kingston, Ont.....	6 00
3050	" 19..	Alex. D. Stickler	"	South Lancaster, Ont.....	"	6 00
3051	" 19..	Alphonse Lepine	Master..	Pointe Claire, Que.....	Ottawa, Ont.....	15 00
3052	" 24..	George Lockhart	Mate	Windsor, N.S.....	Yarmouth, N.S.....	6 00
3053	" 24..	Nathan A. Beach	Master..	Georgeville, Que.....	Ottawa, Ont.....	5 00
3054	" 24..	Otto Johnson	"	Parry Sound, Ont.....	St. Catharines, O.....	15 00
3055	" 24..	Wm. Robt. Staunton	Mate	Orillia, Ont.....	"	6 00
3056	" 24..	Fredk. Wm. Gilbert	Master.....	Victoria, B.C.....	Victoria, B.C.....	15 00
3057	" 24..	Dan Geo. Macauley	"	"	"	15 00
3058	" 24..	Clarence E. Pratt	"	Parry Sound, Ont.....	St. Catharines, O.....	15 00
3059	" 24..	Robt. Parsons	Mate.....	Bracebridge, Ont.....	"	6 00
3060	" 30..	Alonzo W. Daball	"	Parry Sound, Ont.....	"	15 00
3061	" 30..	Robt. R. Rutherford	Master.....	Warton, Ont.....	"	15 00
3062	Aug. 1..	Edw. Jas. Graham	"	St. Jovite, P.Q.....	Ottawa, Ont	15 00
3063	" 7..	John Ryan	"	Campbellton, N.B.....	Dalhousie, N.B.....	15 00
3064	" 14..	Willbert C. Harris	"	Gore's Landing, Ont.....	Kingston, Ont.....	15 00
3065	" 14..	James Hunter	"	Belleville, Ont.....	"	15 00
3066	" 14..	James Alex. Croll	"	New Westminister, B.C..	N. Westminister	15 00
3067	" 14..	Geo. B. McCrae	"	Granville, N.S.....	Yarmouth, N.S.....	15 00
3068	" 14..	Arthur Walton	"	Magnetawan, Ont.....	St. Catharines, O.....	15 00
3069	" 14..	Frank K. C. Stratford	"	Victoria, B.C.....	Victoria, B.C.....	15 00
3070	" 14..	John McDonald	Mate.....	Kaslo, B.C.....	"	6 00
3071	" 14..	George Dube	"	Penetanguishene, Ont.....	St. Catharines, O.....	6 00
3072	" 20..	Murdock McKay	Master.....	Collingwood, Ont.....	"	15 00
3073	" 20..	Wm. H. Oldfield	"	Parry Sound, Ont.....	"	15 00
3074	" 20..	Wm. Porter Cann	"	Louisburg, N.S.....	Sydney, N.S.....	15 00
3075	" 20..	Henry Thrussell	Mate.....	Brockville, Ont.....	Kingston, Ont.....	6 00
3076	" 20..	Isaac A. Banks	Master....	Barrington, N.S.....	Yarmouth, N.S.....	15 00
3077	Nov. 3..	Wm. Di Gon	Mate	St. Peter's, N.S.....	St. John, N.B.....	6 00
3078	" 24..	Mathew Lownds Henley	Master.....	Spry Bay, N.S.....	Halifax, N.S.....	15 00
3079	" 24..	Wm. Alb. Richmond	"	Parry Sound, Ont.....	St. Catharines, O.....	15 00
3080	" 24..	George Seney	Mate.....	"	"	6 00
3081	" 24..	Robert Bruce Stenton	"	Harwich, Ont.....	"	6 00
3082	" 24..	Alfred Erringham	"	Parry Sound, Ont.....	"	6 00
3083	" 24..	John Edgar McKinnon	Master.....	Yarmouth, N.S.....	Yarmouth, N.S.....	15 00
3084	Nov. 24..	Winthrop W. Simms	Mate.....	Winthrop, Mass., U.S.A.	"	6 00
3085	" 24..	Robert Tilson	"	Kingston, Ont.....	Kingston, Ont	6 00
3086	Sept. 24..	Lorenzo Raymond Maguire	Master....	Mulgrave, N.S.....	Sydney, N.S.....	15 00
3087	" 24..	Joseph Everette Faulkner	"	Hantsport, N.S.....	Halifax	15 00
3088	" 24..	Robert Brown	"	Windsor, Ont.....	St. Catharines	15 00
3089	" 24..	Hedley V. Hughes	Mate....	Victoria, B.C.....	Victoria	6 00
3090	" 24..	John H'y Aker	Master	Harbourville, N.S.....	Sydney, N.S.....	15 00
3091	" 24..	Abraham Henebery	"	Halifax, N.S.....	"	15 00
3092	" 24..	Wm. Frank Farr	"	Parry Sound, Ont.....	St. Catharines	6 00
3093	" 27..	Isaac Henry Cann	Mate.....	Louisburg, C.B., N.S...	Halifax	6 00

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name	Grade.	Address.	Where Examination was passed	Fee.
	1900.					\$ cts.
3094	Sept. 27..	Chas. Rathford Glenn....	Master....	Cheverie, N.S.	Halifax, N.S....	15 00
3095	" 28..	Fredrick Arthur Tulley..	"	Warsaw, Ont.....	Ottawa, Ont....	5 00
3096	" 29..	James Alex. McBeth.....	"	69 Elm St., St. John, N.B.	St. John, N.B..	15 00
3097	" 29..	Edmund Kinnie.....	"	Riverside Alb. Co., N.B.	"	15 00
3098	" 29..	Napoleon Bertrand.....	"	Rigaud, Que.....	Ottawa, Ont....	15 00
3099	Oct. 1..	Alfred Gronlund.....	"	Nanaimo, B.C.	Victoria, B.C....	15 00
3100	" 1..	Austin Sherman French..	"	Vancouver, B.C.	"	15 00
3101	" 1..	John MacLeod.....	"	Kaslo, B.C.	"	15 00
3102	" 10..	Thos. Hy. Perry.....	Mate.....	Whitby, Ont	St. Catharines, O	6 00
3103	" 10..	Lonzo N. Hunt.	"	Southampton, Ont.....	"	6 00
3104	" 17..	Saml. F. Oldfield	Master	Parry Sound, Ont.....	"	15 00
3105	" 15..	Chas. Richard	"	Sorel, Que	Kingston, Ont ..	15 00
3106	" 19..	William Cooke.....	"	Grenville Village, Que...	Ottawa, Ont....	5 00
3107	" 19..	Francis Gerald Young....	"	Young's Point, Ont.	Kingston, Ont ..	15 00
3108	" 22..	William Burns.....	"	Sandy Cove, N.S.....	Yarmouth, N.S.	15 00
3109	" 23..	Gilbert Morgeau.....	"	Sorel, Que.....	Quebec, Que ...	15 00
3110	" 23..	Thos. Geo. Garcin.....	"	Charlottetown, P.E.I....	Sydney, N.S....	...
3111	" 26..	Walter S. Ellis.....	"	Fenelon Falls, Ont.....	Kingston, Ont..	15 00
3112	" 26..	Robt. Reginald Clarke ..	Mate.....	Charlottetown, P.E.I....	Halifax, N.S....	6 00
3113	" 26..	Wm. H. Mabee.....	"	St. John, N.B.....	St. John, N.B..	...
3114	" 26..	Peter James Shaw.....	Master	Lakeport, Ont.....	St. Catharines, O	15 00
3115	" 27..	Stanley Cook	"	Rose Blanche, N.F.S....	Sydney, N.S....	15 00
3116	" 29..	Fredk. Javrell.....	Mate.....	Trenton, Ont.....	Kingston, Ont..	6 00
3117	Nov. 3..	George Magar.....	Master.....	New Westminster, B.C..	Vancouver, B.C.	15 00
3118	" 9..	Robt. Danl. Burns	"	Sonora, N.S.	Sydney, N.S....	15 00
3119	" 13..	Emil Christiansen	"	New Westminster, B.C..	N. Westminster.	15 00
3120	" 19..	John Jos. McDonald	"	New Westminster, B.C..	N. Westminster.	15 00
3121	" 19..	Oliver Belliveau	Mate.....	Belliveau's Cove, N.S....	Yarmouth, N.S.	6 00
3122	" 19..	Benjamin Babine.....	"	Yarmouth, N.S.....	"	6 00
3123	" 20..	Wellington Jennex	Master	Jeddore, N.S.....	Sydney, N.S....	15 00
3124	" 20..	Geddie B. Mitchell.....	"	Winnipegosis, Man	Rat Portage, Ont	15 00
3125	" 27..	Patrick Hickey	"	Victoria, B.C.....	Victoria, B.C....	...
3126	" 29..	Frdk. Monarch, jr.....	"	Melocheville, P.Q.....	St. Catharines, O	15 00
3127	Dec. 4..	Joseph Urban Blakeney..	Mate.....	Dartmouth, N.S.	Halifax, N.S. ..	6 00
3128	" 10..	Chas. Primeau.....	"	Windsor, Ont.....	St. Catharines, O	6 00
3129	" 10..	William Fitzgerald	Master	Windsor, Ont.....	"	15 00
3130	" 10..	John McRitchie.....	"	Rat Portage, Ont..	Rat Portage, Ont	15 00
3131	" 10..	Robert E. Smith	"	Wabigoon, Ont.....	Wabigoon, Ont.	...
3132	" 10..	James Henderson.....	"	Norman, Ont.....	Rat Portage, Ont	...
3133	" 13..	George Humphries.....	Mate.....	Vancouver, B.C.	Vancouver, B.C.	8 00
3134	" 13..	Hollis Alphonse Young ..	Master	New Westminster, C.C..	"	15 00
3135	" 13..	Doyas George House.....	Mate.....	Victoria, B.C.....	Victoria, B.C....	6 00
3136	" 13..	Wm. H. Gillen.....	Master	Victoria, B.C.....	"	15 00
3137	" 13..	Fritz Plump.....	Mate.....	Victoria, B.C.....	"	6 00
3138	" 13..	Frank Glawson	Master	Victoria, B.C.....	"	15 00
3139	" 13..	Gustav Foellmer.....	Mate.....	Victoria, B.C.....	"	6 00
3140	" 22..	Wm. Alex. Fullock.	Master.....	Dickinson's Landing, Ont	St. Catharines, O	15 00
3141	" 22..	Volysse G. Richmond.....	"	Keewatin, Ont.....	Winnipeg, Man.	15 00
3142	" 27..	Theron Ackerman.....	"	New Westminster, B.C..	N. Westminster.	15 00
3143	" 27..	Frederick R. Johnson....	Mate.....	Collingwood, Ont.....	St. Catharines, O	6 00
3144	" 27..	Harry Farrow.....	"	Owen Sound, Ont.....	"	6 00
3145	" 27..	George McDonald.....	"	Yarmouth, N.S.....	Yarmouth, N.S..	...
	1901.					
3146	Jan. 7..	John Inkerman Cass.....	Master.....	Cape Cove, Co. Gaspe, Que	Quebec, Que....	15 00
3147	" 7..	George Irving.....	"	Burlington, Ont.....	St. Catharines, O	15 00
3148	" 7..	Achille Tremblay	"	Baie St. Paul, Que.....	Quebec, Que....	15 00
3149	" 7..	Thomas Gorst.....	Mate.....	Windsor, Ont.....	St. Catharines, O	6 00
3150	" 9..	Archibald King.....	"	Lockport, N.S.....	Yarmouth, N.S..	6 00
3151	" 26..	Jones E. Firth.....	Master.....	Lydgate, N.S.	Lunenburg, N.S.	15 00
3152	" 9..	John Stevens.....	Mate.....	Vancouver, B.C.....	Vancouver, B.C.	8 00
3153	" 16..	John Hearn.....	"	Halifax, N.S.....	Halifax, N.S....	6 00
3154	" 16..	Gibbon Gill.....	Master.....	Sorel, Que	Quebec, Que....	15 00

1-2 EDWARD VII., A. 1902

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

Number of Certificate	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1901.					\$ cts.
3155	Jan'y 16..	Wilfred Dufour	Mate.....	Chateauguay, Que	Ottawa, Ont.....	6 00
3156	" 17..	Leon John Eckstair	Master.....	New Westminster, B.C..	N. Westminster.	15 00
3157	" 17..	Geo. Watson Marshall....	Mate.....	Victoria, B.C.....	Victoria, B.C....	6 00
3158	" 17..	George Kirkendale.....	"	"	"	6 00
3159	" 17..	Ebenezer Carnie.....	"	"	"	6 00
3160	" 17..	Robt. Clarence Meuter....	Master..	Harrison, B.C.....	"	15 00
3161	" 23..	Wm. John Cole.....	"	Manitowaning, Ont....	St. Catharines, O.	15 00
3162	" 23..	John Alex. Roys.....	Mate.	Kingston, Ont.....	Kingston, Ont....	6 00
3163	" 23..	William Weston.....	Master.....	Kingston, Kent Co., N.B.	Sydney, N.S....	15 00
3164	" 23..	Chas. A. Abbott.....	Mate.....	Yarmouth, N.S.....	Yarmouth, N.S....	6 00
3165	" 23..	Stuart Roop.....	"	Clementsport, N.S.....	"	6 00
3166	" 23..	Frank Besnette	"	Windsor, Ont.....	St. Catharines, O.	6 00
3167	" 24..	Henri A. Boisvert.....	Master.....	Ste. Croix, Que.....	Quebec, Que....	15 00
3168	" 26..	John Kelly Levingston....	"	St. John, N.B.....	St. John, N.B....	15 00
3169	" 26..	Martin Hodgson.....	Mate.....	Vancouver, B.C.....	Vancouver, B.C....	6 00
3170	" 29..	Henry Chas. Wingrove....	"	Collingwood, Ont.....	St. Catharines, O.	6 00
3171	Feb. 9..	Geo. E. Gale.....	Master.....	Babington, Queen's Co., N.B.	Yarmouth, N.S....	15 00
3172	" 9..	Frederick Geo. Moles.	"	Collingwood, Ont.....	St. Catharines, O.	15 00
3173	" 11..	Alfonzo M. Granville.....	"	Cumberland Bay, Queen's Co., N.B.	Yarmouth, N.S....	15 00
3174	" 11..	Fred. L. LeBlanc	"	Tusket Wedge, N.S.....	"	15 00
3175	" 11..	Daniel Heritage	"	Victoria, B.C.....	Victoria, B.C....	6 00
3176	" 11..	Richard S. Fisher.....	"	Selkirk, Man.....	Winnipegosis....	15 00
3177	" 13..	Isidore Brunet.....	"	Coteau Landing, Que....	Ottawa, Ont.....	15 00
3178	" 13..	William Beazley.....	"	Halifax, N.S.....	Halifax, N.S....	15 00
3179	" 13..	Wm. Jas. Minot.....	"	Port Colborne, Ont.....	St. Catharines, O.	15 00
3180	" 16..	Joseph Jean	"	Laprairie, Que.....	Quebec, Ont.....	15 00
3181	" 16..	Allen Brydges.....	"	Cornwall, Ont.....	Ottawa, Ont.....	15 00
3182	" 16..	Thos. J. Jackman.....	"	Victoria, B.C.....	Victoria, B.C....	15 00
3183	" 16..	John Henry McCormick....	"	Dawson, Y.T.....	"	15 00
3184	" 19..	Burton Davison.....	"	Hantsport, N.S.....	Yarmouth, N.S....	15 00
3185	" 22..	George Waugh	"	Owen Sound, Ont.	St. Catharines, O.	15 00
3186	" 22..	Ephrem Hamel	"	St. Joseph de Sorel, Que.	Sorel, Que.....	15 00
3187	" 22..	John Henry Grant.....	"	Kingston, Ont.....	Kingston, Ont....	15 00
3188	" 22..	Joseph E. Miller.....	"	Cumberland Bay, Queen's Co., N.B.	Yarmouth, N.S....	15 00
3189	" 23..	Chas. N. Hines	"	Noel, Hants Co., N.S....	"	15 00
3190	" 23..	Alfred E. Williams.....	"	Westfield, N.B.....	"	15 00
3191	" 23..	Wm. D. Livingston	Mate.	Big Bras d'Or, C.B., N.S.	Halifax, N.S....	6 00
3192	" 27..	Jos. Cyrille Perron.....	Master.....	Valleyfield, Que.....	Ottawa, Ont.....	15 00
3193	" 27..	Henry N. Trueman.....	Mate.	Vancouver, B.C.....	Vancouver, B.C....	6 00
3194	March 1..	William West.....	Master.....	East Langley, B.C.....	Vancouver, B.C....	15 00
3195	" 1..	Harry P. J. Golding.....	Mate.....	Toronto, Ont.....	St. Catharines, O.	6 00
3196	" 1..	Geo. Hugh McMaster	Master.....	Victoria, B.C.....	Victoria, B.C....	1 00
3197	" 2..	Jacob Edwin DuKerhar....	"	St. John, N.B.....	St. John, N.B....	15 00
3198	" 2..	Hiram D. Farris.....	"	"	"	15 00
3199	" 2..	Hanfred Whelpley	"	"	"	15 00
3200	" 2..	Herbert U. Butler.....	Mate.	"	"	6 00
3201	" 2..	Geo. W. Smith.....	Master.....	East Apple River, N.S....	"	15 00
3202	" 7..	Alex. D. L. Livingstone....	Mate.....	Mattawa, Ont.....	St. Catharines, O.	6 00
3203	" 7..	Roy Burke	Master.....	Penetanguishene, Ont....	"	15 00
3204	" 7..	Hermenegilde Lemaire	"	St. Th. de Pierreville, P.Q.	Quebec, Que....	15 00
3205	" 7..	Archie McLachlan.....	"	Middlemiss, Ont.....	St. Catharines, O.	15 00
3206	" 7..	Jas. K. Anderson	"	Port Lorne, N.S.....	Yarmouth, N.S....	15 00
3207	" 7..	Magloire Lachance.....	"	St. Jean, Isle of Orl., P.Q.	Quebec, Que....	15 00
3208	" 14..	Nils Jonson Sterner	"	Victoria, B.C.....	Victoria, B.C....	15 00
3209	" 14..	William Reeves	Mate.....	Halifax, N.S.....	Halifax, N.S....	6 00
3210	" 14..	Chas. Rush	Master.....	Vancouver, B.C.....	Vancouver, B.C....	15 00
3211	" 14..	John Edwd. Smith.....	"	Little Current, Ont.....	St. Catharines, O.	7 00
3212	" 14..	Frank Couture.....	"	Anse à Beaufils, P.Q....	"	15 00
3213	" 15..	Moses Rubblee.....	"	Bear River, N.S.....	Yarmouth, N.S....	15 00
3214	" 19..	William Shaw.....	"	Sault Ste-Marie, Ont....	St. Catharines, O.	15 00
3215	" 19..	Leon Alie.....	"	N.-D. de Pierreville, P.Q.	Quebec, Que....	15 00
3216	" 19..	Joseph Auguste Allard....	Mate.....	Carleton, P.Q.....	"	6 00

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1901.					\$ cts.
3217	Mar. 19..	Zenas Richard	Master.....	Getsons Point, N.S. . .	Lunenburg, N.S.	15 00
3218	" 19..	Forest Lee Orr.....	"	Prince Edward Island...	Victoria, B.C.	6 00
3219	" 19..	Forest Lee Orr	Mate.	"	"	6 00
3220	" 19..	John Morgan	"	Victoria, B.C.	"	15 00
3221	" 19..	Robt. John Armstrong....	Master.....	"	"	6 00
3222	" 19..	Stanley Fraser.....	Mate.	"	"	15 00
3223	" 19..	Jas. Walker Sangster....	Master.....	"	"	6 00
3225	" 19..	Harvey Allen Sears.....	Mate.	"	"	15 00
3225	" 19..	Jas. Edw'd Fairbairn....	Master.....	Dawson, Y.T.	"	6 00
3226	" 23..	John O'Williams	Mate.	Victoria, B.C.	"	6 00
3227	" 23..	Isaie Duval.....	"	St. Zotique, P.Q.	Ottawa, Ont.	15 00
3228	" 23..	James Goddard Roberts ..	Master.....	Victoria, B.C.	Victoria, B.C.	15 00
3229	" 23..	James Cantwell	"	Campbellton, N.B.	Campbellt'n, NB ..	15 00
3230	" 23..	Wm. Angus MacLean....	"	Hardwich Village, N.B..	Chatham, N.B.	6 00
3231	" 23..	Donat Labonté.....	Mate.	Beauharnois, P.Q.	Ottawa, Ont.	15 00
3232	" 27..	Harry W. Tower.....	Master.....	Sackville, N.B.	Yarmouth, N.S.	15 00
3233	" 27..	Arthur Toupin	"	Champlain, P.Q.	Quebec, Que.	15 00
3234	" 27..	Benjamin B. Beard.....	"	Merritton, Ont.	St. Catharines, O. ..	15 00
3235	" 27..	Wm. Alex. Glawson.....	"	Pleasant Harbour, N.S.	Halifax, N.S.	6 00
3236	Apr. 2..	Alfred Roderick..	Mate.	Gananoque, Ont.	Kingston, Ont.	6 00
3237	" 2..	Chas. B. Wilson.....	"	Pictou, Ont.	"	15 00
3238	" 2..	Murdock MacLean.....	Master.....	New Westminster, B.C..	Vancouver, B.C.	6 00
3239	" 2..	Frank S. Smith	Mate.	Owen Sound, Ont.	St. Catharines, O. ..	15 00
3240	" 2..	Ephraim Steele.....	Master.....	Chatham, N.B.	St. John, N-B.	1 00
3241	" 2..	John LeBaron MacKinley	"	St. John, N.B.	"	6 00
3242	" 2..	Talmage C. MacLean....	Mate.	"	"	6 00
3243	" 2..	David Campbell.....	"	Main-a-dieu, C.B.	Sydney, N.S.	15 00
3244	" 2..	Antonio Monpetit.....	Master.....	Montreal, Que.	Kingston, Ont.	15 00
3245	" 2..	Arthur Berry	"	Providence Bay, Ont. ..	St. Catharines, O. ..	15 00
3246	" 2..	James W. Challoner....	"	Sydney C.B., NrS	Sydney, N.S.	15 00
3247	" 2..	Bernard L. Johnson....	"	Vancouver, B.C.	Vancouver, B.C.	15 00
3248	" 2..	John Collier.....	"	Newfoundland.....	Sydney, N.S.	15 00
3249	April 2..	John A. C. Scagel.....	Master.....	Rat Portage, Ont.	Rat Portage, O.	15 00
3250	" 2..	Andrew E. Hicks.....	"	Dunbarton, Ont.	St. Catherines, O. ..	15 00
3251	" 10..	Daniel May.....	"	Huntsville, Ont.	"	15 00
3252	" 10..	Louis Labonté	"	Montreal, Que.	Quebec, Que.	15 00
3253	" 10..	John Richards..	"	Yarmouth, N.S.	Yarmouth, N.S.	15 00
3254	" 10..	Thomas J. Kickham....	"	Vancouver, B.C.	Vancouver, B.C.	6 00
3255	" 10..	Henri Mallette.....	Mate.	St. Henri, Montreal, Que	Ottawa, Ont.	15 00
3256	" 10..	David Samuel Betts.....	Master.....	Chatham, N.B.	St. John, N.B.	15 00
3257	" 10..	Geo. Johnston Matthews..	"	"	New Castle, N.B.	15 00
3258	" 10..	Thomas McAvoy.....	"	Port Dalhousie, Ont.	St. Catherines, O. ..	15 00
3259	" 10..	Albert P. Lewis.....	"	Freeport, N.S.	Yarmouth, N.S.	6 00
3260	" 13..	Henry Arthur White.....	Mate.	Victoria, B.C.	Victoria, B.C.	6 00
3261	" 13..	Wm. Lawrence Butler....	"	"	"	6 00
3262	" 13..	John Larson.....	"	"	"	15 00
3263	" 13..	John Webber.....	Master.....	"	"	15 00
3264	" 13..	Geo. Edw. Robertson....	"	"	"	15 00
3265	" 13..	Edw. Sealing	"	"	"	15 00
3266	" 13..	Isaac N. Kendall.....	"	Vancouver, B.C.	Vancouver, B.C.	15 00
3267	" 13..	Thos. Padginton.....	"	Lakeport, Ont.	St. Catherines, O. ..	6 00
3268	" 13..	Joseph Kernaghan....	Mate.	"	"	6 00
3269	" 13..	John Hanam.....	"	Baddeck, N.S.	Sydney, N.S.	15 00
3270	" 13..	Pierre Cormier.....	Master.. ..	St. Hyacinthe, Que. ..	Sorel, P.Q.	6 00
3271	" 13..	John M. Silverthorn	Mate.	Owen Sound, Ont.	St. Catherines, O. ..	15 00
3272	" 17..	Sylvester Beazley.....	Master.....	Dartmouth, N.S.	Halifax, N.S.	15 00
3273	" 17..	Murdock Young	"	New Westminster, B.C..	N. Westminster.	6 00
3274	" 17..	Chas. Coghlan	Mate.	"	Vancouver, B.C.	15 00
3275	" 17..	Frank B. Turner	Master.. ..	Vancouver, B.C.	"	6 00
3276	" 17..	Ernest Desbiens	Mate.	Isle aux Coudres, Que. ..	Quebec, Que.	6 00
3277	" 19..	Wm. H. Bradshaw	"	Bracebridge, Ont.	St. Catherines, O. ..	15 00
3278	" 19..	Francis B. Burke.....	Master.. ..	Penetanguishene, Ont. ..	"	6 00
3279	May 1..	A. G. Galbraith.....	Mate.	Collingwood, Ont.	"	15 00
3280	" 1..	Walter Power	Master.. ..	Wallaceburg, Ont.	"	15 00
3281	" 1..	Robt. A. Davy	"	Kingston, Ont.	Kingston, Ont.	15 00

1-2 EDWARD VII., A. 1902

LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fees.
	1901.					\$ cts.
3282	May 1..	Wm. Dulmage	Master.....	South Bay, Ont.....	Kingston, Ont...	15 00
3283	" 1..	Alfred Rowlands.....	Mate.....	Vancouver, B.C.....	Vancouver, B.C.	6 00
3284	" 1..	Frank Fertile	"	Toronto, Ont	St. Catherines, O.	6 00
3285	" 1..	Owen F. Brown	"	New Westminster, B.C..	Vancouver, B.C.	6 00
3286	" 1..	Jas. R. Matthews.....	Master..	Sydney, N.S.....	Sydney, N.S....	15 00
3287	" 1..	Geo. C. Harvey.....	Mate. . .	New Westminster, B.C..	Vancouver, B.C.	6 00
3288	" 1..	Peter McKay	"	Owen Sound, Ont.....	Kingston, Ont...	6 00
3289	" 1..	Jas. W. Smith.....	Master.....	Newdy Quoddy, N.S....	Sydney, N.S....	15 00
3290	" 1..	John Paquette.	"	St-Joseph de Levis, Que.	Quebec.	15 00
3291	" 1..	Johnny Lavailles.....	"	Berthier en bas, Qué ..	"	15 00
3292	" 1..	Nelson Palmateer.....	"	Cherry Valley, Ont....	Kingston, Ont..	15 00
3293	" 7..	Adelard Fortin.....	"	St-Thomas, Que.....	Quebec.	15 00
3294	" 7..	Henry Kirk.....	"	Lakeport, Ont.....	St. Catherines, O.	15 00
3295	" 7..	Wm. Futon.....	Mate.....	Penetanguishene, Ont...	"	6 00
3296	" 10..	Walter S. Kennedy	Master.....	Strathcona Village, Que.	Quebec	15 00
3297	" 10..	Roderick McLean	"	Sault Ste. Marie, Ont....	St. Catherines, O.	15 00
3298	" 10..	Joseph Leduc.....	"	Valleyfield, Que.....	Quebec	15 00
3299	" 11..	John Landrigan.....	"	Penetanguishene, Ont...	St. Catherines, O.	15 00
3300	" 14..	Harry D. Morrow.....	Mate.....	Bronte, Ont.....	"	6 00
3301	" 21..	Wm. Chas. McLaren.....	"	Chatham, Ont	"	6 00
3302	" 21..	Chas. A. Moore.....	Master.....	Purple Valley, Ont.....	"	15 00
3303	" 21..	Stephen L. Waggoner.....	"	Sarnia, Ont.....	"	15 00
3304	May 21..	John S. McDonald.....	Mate.....	Bronte, Ont.....	St. Catharines,	6 00
3305	" 21..	Geo. Burbee Carter.	"	St. John, N.B.....	Yarmouth, N.S.	6 00
3306	" 21..	Wm. Henry Noel	Master.....	Port Essington, B. C....	Victoria, B.C...	15 00
3307	" 21..	Benjamin Axhome.....	"	Victoria, B.C.	" " ..	15 00
3308	" 21..	Joseph P. Bucey.....	Mate.	Point Simpson, B.C.....	" " ..	6 00
3309	" 21..	Walter A. Wilkscroft.	"	Victoria, B. C.....	" " ..	6 00
3310	" 23..	Richard Jackson.....	Master... .	Vancouver, B.C.....	Vancouver, B.C.	15 00
3311	" 23..	Jas. Blackadder	"	Cornwall, Ont.....	Ottawa, Ont....	15 00
3312	" 23..	David Bourgault.....	Mate.....	St. Roch des Aulnais, P.Q	Quebec, Que....	6 00
3313	" 29..	Chestley W. McLean.....	Master.....	Cumberland Bay, Queens Co., N.B.	Fredericton, N.B	15 00
3314	" 29..	John Duguay.....	"	Murray Bay, P.Q....	Quebec, Que ...	15 00
3315	" 31..	Howard Hoyden.....	"	Lockeport, N.S.....	Yarmouth, N.S	15 00
3316	June 1..	Samuel Torgues.....	Mate.....	Levis, P.Q	Quebec, Que....	6 00
3317	" 4..	Wm. G. Jackson.....	Master.....	North Sydney, N.S.	Sydney, N.S....	15 00
3318	" 4..	Thomas Cryau.....	"	Orillia, Ont.	St. Catharines, O.	15 00
3319	" 4..	Robt. E. Payor.....	Mate.....	Windsor, Ont.....	"	6 00
3320	" 4..	Edwin E. Hall.....	Master.....	Port Lorne, N.S.....	Sydney, C.B., NS	15 00
3321	" 4..	Anthony Adams.....	"	Chatham, N.B.....	New Castle, N.B	15 00
3322	" 4..	Wm. Edward Morris.....	"	Canso, N.S.....	Sydney, N.S....	15 00
3323	" 4..	Richard E. Burke.....	"	Sydney, N.S	"	15 00
3324	" 4..	Joseph Emond.....	"	St. Laurent, P.Q....	Quebec, Que....	15 00
3325	" 4..	George J. Hawes.....	Mate.....	Victoria, B.C.....	Victoria, B.C...	6 00
3326	" 4..	Lauchlin McKinnon.....	Master.....	Nelson, B.C.....	" " ..	15 00
3327	" 4..	Chas. J. McDonald.....	Mate. . .	Victoria, B.C.	" " ..	6 00
3328	" 4..	Wm. English.....	"	"	" " ..	6 00
3329	" 4..	John Pynn.	Master..	"	" " ..	15 00
3330	" 4..	Henry R. Dilton.....	"	"	" " ..	15 00
3331	" 4..	Wm. D. Byers.	"	"	" " ..	15 00
3332	" 4..	Walter H. Wright.....	Mate.....	Robson, B.C	"	6 00
3333	" 4..	Jas. A. Colwell.....	Master.....	Upper Jamseg, N.B ...	St. John, N.B..	15 00
3334	" 4..	James G. Gilchrist.. .	Mate.....	Upper Hamstead, Queens County, N.B.	"	6 00
3335	" 4..	R. H. Weston.....	Master.....	Upper Gagetown, Queens County, N.B.	"	15 00
3336	" 11..	Geo. Thos. Annett..	"	Peninsula Gaspé, P.Q....	Quebec	15 00
3337	" 13..	Paul Dusome.....	"	Penetanguishene, Ont...	St. Catharines, O.	15 00
3338	" 14..	Marono Martinolish ..	"	New Westminster, B.C..	Vancouver, B.C.	15 00
3339	" 14..	Mathew Hickey.....	"	Keewatin.	Rat Portage, O.	15 00
3340	" 14..	Wm. A. Pitt.....	"	Clifton, N.B.....	St. John, N.B..	15 00
3341	" 17..	Peter Taylor.....	"	New Westminster, B.C..	Vancouver, B.C.	15 00
3342	" 17..	Hugh E. Wade.....	"	Grenville, P.Q.....	Ottawa, Ont....	15 00
3343	" 24..	John J. McEachren.....	"	Chatham, N.B	New Castle, N.B.	15 00

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Concluded.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1901.					\$ cts.
3344	June 24..	John Barberie.....	Mate..	Vancouver, B.C.....	Vancouver, B.C.	6 00
3345	" 24..	Jas. P. Stephenson....	Master.....	St. Andrews, Ont.....	Kingston, Ont..	15 00
3346	" 24..	Octave Toltin.....	"	St. Valier, P.Q.....	Quebec.....	15 00
3347	" 27..	Robt. A. MacLean.....	"	Chatham, N.B.....	Sydney, N.S....	15 00
3348	" 24..	Oliver Couture.....	"	Trenton, Ont.....	Kingston, Ont..	15 00
3349	" 24..	R. H. Burgess.....	"	Windsor, Ont.....	Yarmouth, N.S.	15 00
3350	" 24..	Joseph Côté.....	"	Grand Piles, P.Q.....	Quebec, P.Q....	15 00
3351	" 24..	Geo. E. Cresine.....	"	Guysboro', N.S.....	Sydney, N.S....	15 00
3352	" 24..	Vincent J. Peeples.....	"	Port Mulgrave, N.S.....	"	15 00
3353	" 24..	Robert Muir.....	Mate.	Goderich, Ont.....	St. Catharines, O	6 00
3354	" 24..	Jas. H. Jackson.....	"	North Sydney, N.S.....	Sydney, N.S....	6 00
3355	" 26..	L. Woodman Williams....	Master.....	St. John, N.B.....	Yarmouth, N.S.	15 00
3356	" 26..	Geo. W. Clapp.....	Mate.	Picton, Ont.....	Kingston, Ont..	6 00
3357	" 26..	Hector C. Maudsley.....	"	Thorold, Ont.....	"	6 00
3358	" 26..	Nap. Salvail.....	Master.....	Sorel, P.Q.....	"	15 00
3359	" 26..	Chas. W. Burgoyne.....	"	Trenton Falls, Ont.....	"	15 00
3360	" 26..	Michael J. Lawless.....	Mate.	Kingston, Ont.....	"	6 00
3361	" 26..	Wm. F. Robinson.....	"	Bobcaygeon, Ont.....	"	6 00

APPENDIX No. 47.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian Waters, and to Canadian Sea-going Vessels, in other Waters, for the twelve months ended June 30, 1901.

Date of casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1899.		Yrs								
Dec. —	Alberta.	11	Windsor, N.S.	Blktn., wood, sail.	610	Rosario to New York..	River Parand, Argentine Republic.	Owing to a sudden gale. Vessel struck the bank of the river and was finally abandoned and sold.	....	Total loss, 2,500
1900.										
Oct. 16	Alice.....	24	Parrsboro, N.S.	Schr., wood, sail.	54	St. John, N.B., to Parrsboro, N.S.	Spencer's Island, N.S., Bay of Fundy.	Lost anchor and stay sail in bad weather.	....	Partial loss, 125
Sept. 12	Andoake .....	....	Drdmmen, Norway.	....	....	....	Near Bathurst, N.B....	No particulars reported.	....	Total loss.
Nov. 26	Advance.....	12	St. John, N.B.	Schr., wood, sail.	99	St. John, N.B., to Boston, Mass.	Not known. The hull was washed ashore near Portsmouth, U.S.	Vessel lost at sea. She last reported at Southwest Harbour, Mount Desert, on November 21 or 23, 1900.	5	Total loss.
July 20	Alice Maud.....	10	"	"	125	St. John, N.B., to New York, U.S.	Nantacket Shoal, 1 mile W.N.W. from Cross-rip light ship north Atlantic.	Vessel damaged in collision; fault of other vessel whose owner settled for damages.	....	Partial loss, 1,000
Dec. 15	Alpha.	37	Vancouver, B.C.	Schr., iron stn	653	Victoria, B.C., to Yokohama.	East point of Yellow Rock, Gulf of Georgia, B.C.	Lost on account of want of knowledge on the part of the master regarding the route.	9	Total loss.
Sept. 22	Arduamurcham..	10	British..	Ship steel, sail.	1,619	Hamburg to Fraser River.	Entrance to Str. of Juan de Fuca.	Stranded .....	....	Amount of damage not reported.
.....	Alma	Shelburne, N.S.	Schr., wood, sail.	96.37	Lockport to Turks Island, to Lockport.	At Sea	Collision with a steamer.	6	Total loss, 4,300

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Oct.	Annie Pearl	8	Parrsboro, N.S.	"	29-95	Clarkes Harbour to Digby Gut, West side, N.S.	Stranded	Trifling loss.
...	Antilla	10	St. John, N.B.	Bktn., wood, sail.	141	On voyage from Yarmouth, N.S., to Buenos Ayres.	Vessel lost parts of her riggings and masts in gales and had some of her deck load carried away.	Partial loss.
1899.								
Sept.	Bessie Willis	9	Halifax, N.S.	Schr., wood, sail.	98-91	Lying in Fox River to Quebec.	Dragged anchors in a gale and went ashore on the breakers.	Total loss, 2,500
1900.								
Oct.	Bobs	6	Parrsboro, N.S.	"	97	Parrsboro to Yarmouth	In bad weather lost main sail and jib anchor, and chain.	Partial loss, 400
Nov.	Bjoigvin	10	Berqin, Norway.	Schr., steel, steam.		Montreal, Que., to Chatham, N.B.	Collision.	Damage not reported.
May	Blanche Alma	10	Quebec, Que.	Schr., wood, sail.	87	Quebec to Matane, Que.	Collision.	Damaged.
Dec.	B. C. Borden	6	Parrsboro, N.S.	"	385	Cadiz, Spain to Halifax, N.S.	Vessel encountered very bad weather.	Total loss, 15,000
.....	Bowman B. Law	16	Yarmouth, N.S.	Barque, iron, sail.	1,359	Portland, Oregon to 50° 2' N. 13 14' W. S. Channel, Queenstown	Severe weather and rough sea; vessel sustained serious damage.	Partial loss.
1901.								
Mar.	Barbara Boscowitz	18	Victoria, B.C.	Schr., wood, steam.	338	Victoria, B.C., to Vancouver, B.C.	Vessel stranded.	Partial loss, 1,000
May	Bessie	15	"	Sloop, wood, steam.	11	Victoria, B.C., to Ladysmith Harbour or Oyster Harbour, B.C.	Cause of casualty not reported, left vessel all right at 9 p.m.	Total loss.
1900.								
May	Cape Breton	10	Montreal, Que.	Schr., steel, steam.	1,109	Montreal, Que., to Sydney, N.S.	Pilot misjudged his distance from the light and ship went aground.	Trifling.
Mar.	Coringa		Windsor, N.S.	Ship, wood, sail.	1,289	Buenos Ayres to Port Natal.	Vessel lying at anchor, anchor carried away, ship driven aground in a gale.	Partial loss.
Sept.	Clyde	16	Lunenburg, N.S.	Barque, wood, sail.	237	Bridgewater, N.S., to Quebec, P.Q.	Rough weather.	Total loss, 7,000
Oct.	Clifford C.	18	St. John, N.B.	Schr., wood, sail.	97	St. John, N.B., to Charlottetown.	Vessel damaged in wind and storm and put into Yarmouth Harbour, where she ran on a reef.	Partial loss, 600
"	Corinto	5	Parrsboro, N.S.	Schr., wood, sail.	98	Parrsboro to Yarmouth	Damaged in bad weather, split foresail and jib and lost anchor.	" 160

STATEMENT OF Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea going Vessels in Canadian Waters, &c.—*Continued.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Loss of Life.	Remarks.
1900.		Yr's								
Oct. 10	City of Montreal cello.	34	Liverpool, Eng.	Schr., iron and wood, steam.	566	Yarmouth, N. S., St. John, N. B., to Yarmouth, N. S.	Four miles west of Yarmouth light, Bay of Fundy.	Vessel was overtaken by a terrific storm.	36	Total loss.
.....	Congo	.....	Shelburne, N. S.	Schr., wood, sail.	197	Boston to Sydney.	Bridgeport, C. B., N. S.	Stranded in a thick fog.	.....	Partial loss, 1,500
Aug. 24	Catch	16	Vancouver, B. C.	Schooner, iron, steam.	366	Ketchikan to Skagway.	Horse Shoe Reef, Stephen's Pass, Alaska.	Stranded owing to want of knowledge on the part of the officer in charge as to the distance from land.	.....	Total loss, 60,000
Sept. 12	Creta	1	Dorchester, N. B.	Schr., wood, sail.	147	.....	At sea.	Vessel capsized at sea. Picked up 40 m. S. from Seattarie Island and towed into Louisburg.	6	Partial loss.
Dec. 9	Carlotta	18	St. John, N. B.	Schr., wood, sail.	210	Hillsboro, N. B., to Newburg, N. Y.	Dog Bar Breakwater, Gloucester, Mass.	Vessel did not let go anchors in time, so ran on bar. She was making for Gloucester Harbour.	.....	Total loss, 4,000 Cargo, 504
Sept. 7	Culdeon	15	"	Bktnr., wood, sail.	378	Pascagoula to Rosario, Arg. Rep.	Five miles south of Carryfoot light, Gulf of Mexico.	Stranded in a hurricane.	.....	Total loss, 9,500
Dec. 10	Corinto	5	Parrsboro, N. S.	Schr., wood, sail.	97	Boston, Mass., to Windsor, N. S.	Ram Island Ledge, Booth Bay, Maine.	Went ashore in a thick vapour and fog.	.....	Partial loss, 700
" 14	Cygnnet	18	"	Schr., wood, sail.	77	Black River St. John, N. B., to St. John, N. B.	Off St. John, N. B., Bay of Fundy.	Damaged by fire.	.....	" 140
Nov. 19	Curlew	20	St. John, N. B.	Bktnr., wood, sail.	307	St. Johns, Nfld., to Liverpool.	Middle of North Atlantic.	Vessel severely damaged in North Atlantic by rough weather and sea.	.....	" 1,500
Sept. 3 1901.	Culdeon	15	"	Bktnr., wood, sail.	373	St. John, N. B., to Rosario.	American coast.	Damaged in hurricane off Florida coast.	.....	"
Feb. 24	Clifford C	18	"	Schr., wood, sail.	97	St. John, N. B., to City Island.	Dipper Harbour, St. John, Co., N. B., Bay of Fundy.	Vessel broke from anchor and was driven ashore in a snowstorm and sustained damage.	" 350

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April 6	Curlew	19	Norwegian	Bktn., wood, sail.	307	Liverpool, England, to North Sydney, N.S.	Extreme end of Point Aconi, 1½ miles from Point Aconi St., C.B.	Wreck occurred during thick and heavy weather, and in the night. Sails split and vessel driven on the shoals amongst the floating ice. Run on reef owing to the master steering a wrong course.	Total loss nearly, 5,000 Cargo, 30,000
July 29	Dove	8½	Maitland, N.S.	Schr., wood, sail.	168	Bear River, N.S. to Cienfuegos, Cuba.	Near N.W. Point, Bird Rock Reef, Bahamas	Run on reef owing to the master steering a wrong course.	Partial loss.
Oct. 31	Duke of Fife	13	Glasgow, G.B.	Schr., steel, steam.	2416	Tacoma, Wash., to Victoria, B.C. and Kobe.	50-56 N., 135 W., North Pacific.	Vessel sprang a leak in heavy weather.	Trifling damage.
Dec. 5	Demozella	12	St. John, N.B.	Schr., wood, sail.	163	New-York to Kingston, Jamaica.	Off Bermuda, Atlantic Ocean.	Struck by a hurricane.	Partial loss 500.
Jan. 2	Danube	31	Victoria, B.C.	Schr., iron, steam.	561	Victoria, B.C. to Ju-neau.	Taku Inlet, Alaska.	Vessel came into contact with ice.	Trifling casualty.
Nov. —	Daniel Simmons	36	Digby, N.S.	Schr., wood, sail.	70	Gloucester, U.S. to Port Gilbert, N.S.	to Foundered at sea.	Foundered at sea with all hands.	Total loss.
April 10	Dora	15	Parrsboro', N.S.	Schr., wood, sail.	63	St. John, N.B. to Parrsboro', N.S.	to Cassett's Point, Digby Harbor, N.S.	Vessel lost anchor.	Trifling 160.
May 31	E. Merriam	18	Parrsboro', N.S.	Schr., wood, sail.	331	Hillsboro', N.B. to New York.	to Off Oyster Bay, R.I., Am. Coast.	Was run into by schooner C. C. Lee.	Partial loss 750.
July 28	Elsie	12	Lunenburg, N.S.	Schr., wood, sail.	47-07	Lunenburg, N.S. to Halifax, N.S.	to Off Cape Fouchie, C.B.	Vessel capsized in a cyclone.	Total loss 1,450.
Sept. 7	Evening Star	43	Chatham, N.B.	Schr., wood, sail.	28	Bathurst to Charlotte town.	3 miles from Cape Wolfe, P.E.I.	Vessel became water-logged and stranded.	Total loss 100
Oct. 11	Empress	26	Chatham, N.B.	Schr., wood, sail.	26	Murray River to Sydney, C.B.	West Side Port, Hood Harbor, C.B., N.S.	Damaged in a hurricane.	Partial loss 100.
Nov. 6	Empress of India	9	London	Schr., steel, steam.	3003	Vancouver to Panama.	125-20 West, North Pacific, Canada.	Collided with a barque owing to the barque not showing the necessary light.	Partial loss.
Oct. 16	Eva Stewart	19	Parrsboro', N.S.	Schr., wood, sail.	98	Yarmouth to Parrsboro' Island, Bay Fundy.	Off Westport, Briar Island, Bay Fundy.	Lost main sail, jib anchor and chain in bad weather.	Partial loss 700.
Nov. 15	E. M. G. Hardy	9	Sydney, N.S.	Schr., wood, sail.	90	North Sydney to Halifax.	Entrance to Louisburg Harbor, N.S.	Stranded.	Total loss 2,300.
June 24	Epstar	25	American	Schr., wood, sail.	48	Fishing	Coast of Nova Scotia.	Vessel ran on ledge and damaged hull.	Partial loss 225.
July 16	Florence S.		Dawson, Y.T.				Lewis River, Alaska.	Wrecked.	Total loss.
"	"						Lewis River, Y.T.	No particulars obtainable.	"
Aug. 29	F. B. Lovitt	8	Yarmouth, N.S.	Bktn., wood, sail.	554	Monte Video to New York.	South Atlantic.	Lost sails in gale.	Partial loss.
Dec. 10	Francis M. Lov- ing.	36	Parrsboro', N.S.	Schr., wood, sail.	73	Port Grenville to Port-Aupique, N.S.	At Port Aupique Land- ing, N.S.	Vessel damaged in a gale.	Partial loss 500.
Sept. 13	Frances	2	Chatham, N.B.	Wood, steam.	18	Port au Port, N.F.L. to Cape St. George.	Cow Rocks, near Cape St. George, N.F.L.	Stranded.	Cargo 200. Total loss 3,500.

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port sailed from. Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1900.		Yrs								
Sept. 12	Gilda M.	.....	Genoa.....	.....	.....	.....	Near Bathurst, N.B.	Stranded near Bathurst, N.B., and became a total loss. No particulars reported.	.....
"	Greta.	.....	.....	.....	.....	.....	.....	Vessel capsized at sea and all were drowned.	5	
July 26	Hattie McKay.	4	Parrsboro, N.S.	Schr., wood, sail.	74	Parrsboro, N.S. to St. John, N.B.	Isle Haute, Bay Fundy, N.S.	Lost sails and afterward ran ashore.	.....	Total loss, 2,500
Dec. ..	Harold Borden.	..	Windsor, N.S.	" " ..	148	Kingsport, N.S. to Cuba.	.....	Schr. left Kingsport Dec. 28, 1899, for Havana and has not been heard of since.	6	" 2,500
1900.										
Aug. 1	Hillside	3	Yarmouth, N.S.	Bktn., steel, sail.	439	Yarmouth to New York	Riv. Parana, 120 miles below Rosario.	Encountered a storm, filled and capsized; wreck towed to Boston and sold for \$170.	.....	Trifling.
Oct. 10	Hawbeck	17	St. John, N.B.	Schr., wood, sail.	100	Boston to St. John	Boston Bay, 4 miles from Thatcher's Isld., U.S.	Vessel seriously damaged by heaving of coal cargo. Was struck by a squall off Chignecto Cape, losing sails and at the mercy of the wind for 48 hours. Was driven down the bay and was picked up by the str. <i>Westport</i> and towed into Westport.	1	Total loss, 2,000
Sept. ...	Honolulu	18	"	Ship, wood, sail.	1545	Norfolk, Va. to Manila	North & South Atlantic	Vessel seriously damaged by heaving of coal cargo. Was struck by a squall off Chignecto Cape, losing sails and at the mercy of the wind for 48 hours. Was driven down the bay and was picked up by the str. <i>Westport</i> and towed into Westport.	.....	Partial loss.
April 10	Helen M.	6	Parrsboro, N.S.	Schr., wood, sail.	62	St. John, N.B. to Hope- well Cape, N.B.	Three miles from Chignecto Cape, N.S., Bay of Fundy.	Was struck by a squall off Chignecto Cape, losing sails and at the mercy of the wind for 48 hours. Was driven down the bay and was picked up by the str. <i>Westport</i> and towed into Westport.	.....	" 1,500
May 31	Hattie Muiel.	7	St. John.	" " ..	85	St. John, N.B. to New Haven, Conn.	Nantucket Shoals, Mass., U.S.	Stranded on a shoal.	..	" 200
Sept. 12	Igomar	25	Norway	Bk., wood, sail	1,182	West Hartlepool, G.B. to Grindstone Is., N.B.	S.W. Grindstone Is., Bay of Fundy, North Atlantic.	Thick fog caused the stranding of the vessel	Total loss. 12,000

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Oct. 13	I. N. Parker	2	St. John, N.B.	Schr., wood, sail.	98	Fredericton, N.B. to Vineyard Haven.	Nantucket Shoals, Mass U.S.	Heavy weather, Master misjudged distance and struck on shoal.	Partial loss.	200
1899.										
Oct. 18	Ida Mead	18	Liverpool, N.S.	S Brighn., wood, sail.	172	Chatam, N.B. to Port Hawkesbury, N. York	Georges Shoals	Strung a leak.	Total loss.	3,000
1900.										
July 1	Junita	44		Brig., wood, sail.	94	Finland, B.W.I. to St. John, N.B.	In the harbour of St. John, N.B., at the wharf.	The reason given for the casualty is that the Pilot took vessel to the wharf without instructions.	Partial loss.	1,500
1899.										
May	Jane M.							Run down by the Str. <i>Tiber</i> and sunk.	Total loss.	
1900.										
Dec. 10	James W	2	Charlottetown, P.E.I.	Schr., wood, sail.	149	P. E. Island to Rio Janeiro.	Cape Breton coast, N.S.	Stranded.	Partial loss, (Cargo.	600 2,000
1901.										
Feb. 24	Jessie D	4	Parrsboro, N.S.	"	86	Boston, U.S. to Parrsboro, N.S.	Cape D'Or, Parrsboro shore, Bay of Fundy, N.S.	Vessel caught in ice and damaged by losing anchor, and other slight damage.	Partial loss.	150
1899.										
Sept	Lucy J. Warren.	14	Canso, N.S.	"	55-95	Canso, N.S., fishing	Near Port au Port, on west coast of Newfoundland.	Heavy gale	Total loss.	2,500
1900.										
Nov. 21	Lena Pickup	17	Arichat, N.S.	"	45	Glace Bay, C.B. to Buctouche, N.B.	Little Harbour, Picton County, N.S.	Very thick weather and strong wind.	Partial loss.	200
1899.										
Sept. 1	Louisburg	19	Montreal, Que.	Schr., iron, steam.	1,182	Sydney, N.S. to Montreal, Que.	Corame Isld, River St. Lawrence, Que.	Stranded, steering gear disconnected.	Partial loss.	
June	Lena May	10	St. Andrews, N.B.	Schr., wood, sail.	18	Digby, fishing.	Bay of Fundy	No particulars.	Total loss.	
July 19	Lilybank	20	Charlottetown, P.E.I.	"	15-71	Charlottetown to Souris, P.E.I.	St. Peter's Harbour, P.E. Island.	Stranded.	Partial loss.	125
Nov. 8	Louvinne	4	Parrsboro, N.S.	Bktn., wood, sail.	548	Natal, Brazil to Parrsboro and New York.	Lat. 37, Long. 79 30', Atlantic Ocean.	Split sails and lost sails in gale.	"	400
Aug 17	Mary Pickard	26	Parrsboro, N.S.	Schr., wood, sail.	89	Parrsboro to St. John.	8 miles west of Quaco, N.B., Bay of Fundy.	Struck by a squall, lost mainsail and anchor.	Partial loss.	100
Nov. 19	Minnie R.	9	Annapolis, N.S.	"	96	Joggins, N.S., to St. John, N.B., and Annapolis, N.S.	Quaco Lighthouse Reef, Bay of Fundy.	In trying to get out of Quaco Bay, vessel drifted down towards the reef and could not make out against the tide.	Total loss, (Cargo,	1,500 600

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STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1900.		Yrs								
Nov. 12	Mary Eleanor...	26	Halifax, N.S.	Schr., sail	98	Chatham, N.B., to Charlottetown, P.E.I.	12 miles from Minin- gash, P.E.I., Nor- thumberland Strait.	Heavy sea and weather.	4	Total loss, 500 Cargo, 680
Dec. 4	Merriam.....	19	Parrsboro, N.S.	" "	331	St. John, N.B., to New York.	Salem Harbour, Mass., American coast.	Collided with another vessel.	...	Partial loss, 1,000
" 25	Minnie M	17	Halifax, N.S.	" "	26.58	Halifax to Musquod- boit Harbour.	.....	Stranded on a sand bar.	.....	Total loss, 500 Cargo, 2,000
1899.										
Nov. —	Mary E. Whorf.	29	Digby, N.S.	" "	77	Fivestone, N.S., and Campobello, N.B., to Parrsboro, N.S.	Fivestone, N.S., Petit Passage, Bay of Fundy.	Could not be avoided. Very heavy gale. Ves- sel ran into anchorage at Petit Passage.	...	Total loss, 1,000
Jan. 16	Monrovia.....	23	St. John, N.B.	Ship	1,449	Liverpool to Buenos Ayres, S.A.	51 29 N.L. 15 30 W.L.	Vessel sustained serious damage owing to very high gales.	...	Partial loss.
.....	Moana.....	9	" "	Schr.	384	Rio Grand de Norte to New York.	Lat. 36, Long. 69, Atlantic Ocean.	Lost sails in a gale.	.....	" 300
April 20	Mola.....	9	" "	" "	351	Buenos Ayres to New York.	Near Sandy Hook, N.Y.	Driven ashore by a heavy eastern gale.	...	" 5,000
1900.										
Sept 22	Newfield.....	29	Ottawa, Ont.	Iron, steam...	509	On Government service	White Cove, Bay of Fundy, north side Digby Neck, N.S.	Struck on ledge at en- trance to White Cove.	.....	Total loss, 30,000
Oct. 2	Northenholme...	12	Marport, G.B.	Schr., steel steam.	1,285	Manchester to St. John, N.B.	Cape Pine, bearing N.N.E., 4 miles.	Run down and cut a schooner in two, cause attributed to the schooner's poor lights.	.....	Partial loss.
Sept. 20	Nelson.....	9	New Westmin- ster, B.C.	Wood, steam...	312.49	Nelson to Kootenay...	Kootenay Lake.....	Man at wheel went asleep and vessel ran ashore.	.....	" 500
" 16	Nellie Blanche...	13	Parrsboro N.S.	Schr., wood, sail.	89	St. John, N.B., to Norwich, Conn.	Off Peaked Hill Bars, Cape Cod, Am. coast.	Vessel lost mast in a gale.	" 150

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Dec. 21 1901.	Nellie Blanche.	13	"	"	"	89	Sackville to Parrsboro. Off Apple River, N.S. Sprang a leak and later became a total wreck on Edgett's Beach, Apple River.	Total loss,	800
Jan. 15	Nyanza.	12	Charlottetown P.E.I.	"	"	91	Oporto to St. John, N.B., to Off Nantucket Shoals, Struck by a squall and lost jib and anchor off Nantucket Shoals.	"	3,000
Jan. 28 1900.	Nellie I. White.	8	Parrsboro, N.S.	"	"	124	St. John, N.B., to Off Nantucket Shoals, Struck by a squall and lost jib and anchor off Nantucket Shoals.	Partial loss,	108
Sept.	Oreca.	7	Halifax, N.S.	Schr., wood, sail.	"	1350	Port Hood - Fishing. East side of Port Hood Wind caused her to drag her anchor and she stranded.	Partial loss,	100
Oct. 11	Ossuna.	16	Richibucto, N.B.	Barque, wood, sail.	"	778	Richibucto, N.B., to Off Richibucto Harbour Partially wrecked in a gale; vessel was loaded and ready for sea when the storm came up.	"	1,000
Dec. 10 1901.	Oreca.	3	Parrsboro, N.S.	Schr., wood, sail.	"	53	Parrsboro, N.S., to Roger's Creek, Minas Basin, N.S. Lost anchor in gale.	Cargo	100 20
Jan. 11	Pavia.	2	Lunenburg, N.S.	"	"	....	Newfoundland, to Boston, U.S. Schr. run into by SS. <i>Kaiserin Maria Theresa</i> , crew taken on steamer and landed in New York.	Total loss,	6,500
Jan. 4	Prince Victor.	24	Christiana, Norway.	Barque, wood, sail.	"	1,015	Honolulu to British Straits of Juande Fuca, Misjudged distance from light and stranded.	Trifling loss.	
April 16	Princess Louise.	....	Victoria, B.C.	Schr., steam.	"	....	New Westminster to Enterprise Channel, Vessel struck coming through this narrow channel in a gale.	Trifling accident.	
May 11 1900.	Princess Louise.	....	Victoria, B.C.	Schr., wood, sail.	"	544	Vancouver to Port Gulf of Georgia. Vessel stranded in a thick fog; jettisoned part of cargo. Damage to vessel not serious.	Trifling loss.	
Aug. 1	Robt. S. Desnard.	18	Parrsboro, N.S.	Bktn., wood, sail.	"	4,199	St. John, N.B., to Manchester, Eng. Thirty five miles west of Brier Island, Bay of Fundy.	Partial,	1,000
.....	Robinetta.	12	Halifax, N.S.	Schr., wood, sail.	"	1144	Canso, N.S. Fishing. Bald Rock, near Canso. Ram on rock.	Total loss,	350
Oct. 16	Rowena.	4	St. John, N.B.	"	"	96	Westerly, R.I., to St. John Harbour. Capsized by a squall off St. John Harb., Oct. 16, drowning 3 men.	Partial loss,	3,200
April	Reindeer.	2	Victoria, B.C.	Steamer.	"	22430	Winter quarters, Five Fingers Rapids, Yukon River. Destroyed by fire; cause of fire unknown, certf. of registry destroyed.	Will be rep'd cargo, Total loss.	1,500

STATEMENT of Wrecks and Casualties reported as having occurred to British Canadian and Foreign Sea going Vessels in Canadian Waters, &c.—*Continued.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1900.		Yrs								\$
Dec. 28 1900.	Ramona	10	Charlottetown P.E.I.	Blktn., wood, sail.	399	Cardiff to Para.	At sea	Vessel sustained serious loss of boats, rigging and sails.	.....	Partial loss.
Jan. 15 1901.	Rita	13	"	"	358	Cardiff to Para, Brazil.	At sea, 110 miles N.E. of Madeira.	Vessel sprung leak in bad weather and became unmanageable, was abandoned and fired. Crew taken on board Norwegian barque <i>Nord-hopping</i>.	.....	Total loss.
Mar. 6 1899.	Rambler	4 ms	Lunenburg, N.S.	Schr., wood, sail.	98-31	Burin, Nfld., to Lunenburg, N.S.	St. Esprit Island, very near the light Lat. 45-36 N., Long. 60-29 W., North Atlantic.	Stranded on a rock, course steered should have taken vessel forty-three miles off the land, compass supposed to be out of order although quite a new spirit. Weather was thick all the way across; saw no land or light after leaving Nfld.	.....	Total loss, Cargo, 6,500 2,000
April 17 1899.	Ramona	5	New Westminster, B.C.	Wood, steam	208-76	Langley, Pac. Coast, to Chilliwack, Pac. Coast	Main Channel of Fraser Riv. at Head McMillan Island, B.C.	Explosion of boiler, no particulars.	3	Partial loss, 260
Sep. 1900.	S. G. Irwin.	32	Arichat	Schr., wood, sail.	71	Yarmouth, N.S., to Louisburg, N.S.	to Atlantic Ocean	Filled and sank .....	.....	Total loss, 700
.....	St. Olaf	19	Quebec	Schr., iron, steam.	72	River St. Lawrence	No look out on ship, and no lights burning.	Slight damage.

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Nov. 21	St. Olaf	18	"	Schr., wood, steam.	74	Sheldrake to Quebec. South-east side of Great Boile, one of Seven Is. Co., Saguenay, Que.	Big snow storm at the time.	27	Total loss.
Oct. 11	St. Maurice	4	Parrsboro, N.S.	Schr., wood, sail.	272	New York to Cayenne, Off Bermuda, Atlantic Ocean.	Struck by a hurricane.	.....	Partial loss, 1,040
1901.									
Mar. 27	Stadacoma	16	"	Barque, wood, sail.	1011	At Rosario, South America.	Vessel caught fire at the wharf.	.....	Total loss, 1,000
Jan.	Sayoe	10	St. John, N.B.	Barque, wood, sail.	684	Trinidad to New York Lat. 35 20 N., Long. 73 14 W., North Atlantic	Head of foremast sprung, caused vessel to rock heavily.	.....	Partial loss.
April	Sidonian	11	Charlotte town P.E.I	Wood, sail.	389	Belize to Plymouth	Stress of weather which carried away sails, &c.	.....	"
1899.									
May	Tiber	.....	.....	.....	.....	.....	In collision with steamer <i>Janet M.</i>	.....	.....
1900.									
Sept. 12	Turret Chief	.....	Newcastle, G.B.	Schr., screw, steam.	1196	Montreal, Que., to Syd Gulf of St. Lawrence, 7 miles N.N.E. of Cape Chat.	Lost propeller and broke anchor.	.....	Partial loss.
Oct. 13	Temperance Bell	20	St. John, N.B.	Schr., wood, sail.	76	Portland, Me., to Bath, Stage Island, mouth of the Kennebec river, Me.	Missed stays while beating in for the river and went aground.	.....	750
Dec.	Treasurer	16	Parrsboro, N.S.	Ship, wood, sail.	1329	Parrsboro to Fleet - At sea	Vessel sustained trifling damage by shifting cargo.	.....	Trifling damage.
1901.									
Jan. 24	Temperance Bell	30	St. John, N.B.	Schr., wood, sail.	76	Landing at Black river breakwater, St. John, Co., N.B.	Pounded, breaking heel shoe and otherwise damaged.	.....	Partial loss, 300
1899.									
Nov.	Vivian	.....	Victoria, B.C.	.....	.....	Near Dawson, Y.T.	No particulars obtainable.	.....	Total loss.
1900.									
Nov. 27	Victor	19	St. John, N.B.	Schr., wood, sail.	109	St. John to New York Bear Cape, off Portland, Me.	Vessel sprung a leak in heavy weather.	.....	Partial loss, 1,000
" 29	Vere B. Roberts	3	Parrsboro, N.S.	"	124	Pascagonla to Vera Cruz, Mexican Coast	Sprung a leak, lost sails and sustained other damages.	.....	1,600
1901.									
Feb. 3	Venturer	5	Weymouth, N.S.	Brig, wood, sail.	194	San Andreas, Rep. of Columbia to New York.	Vessel lost sails in gale.	.....	130
Mar. 11	"	14	Liverpool, N.S.	"	318	Rio Grande de Sul, to Long Beach, Long Island, N.Y.	Vessel lost starboard anchor.	.....	6,000

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Concluded.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. Iron or Wood. Steam or Sail.	Register Tonnage.	Port sailed from. Port bound to.	Place Where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1900.		Yrs								
Aug. 9	Winnie.....	11	Hartlepool, G.B.	Schr., steel, steam.	1200	Pugwash, N.S., to Ellesmere Port, Eng.	Pugwash Hbr., N.S.	Stranded, fault of pilot.	...	Partial loss.
" 9	W. K. Merwin.....		Dawson, Y.T.				Coast of Alaska, near St. Michaels.	Wrecked.....	...	Total loss.
" ..	Winnie.....		West Hartlepool.	Steamer	1200	Queens town to Manchester, G.B.	Vessel got on rocks in Pugwash Hbr., N.S.	Steamer ran on rocks owing to lack of steam.	...	Partial loss.
Oct. 18	Wellman Hall.....	8	Parrsboro, N.S.	Schr., wood, sail.	136	Advocate Hbr. to New York.	Nantucket shoals, American coast.	Collided with another schooner, the <i>Sacra</i>.	...	Partial loss, 500.
1899.										
Oct. 18	Willie Irving.....		Victoria, B.C.					Vessel crushed in ice.....	...	Total loss.
Sept. 4	Willie.....	28	Quebec.....	Schr., wood, sail.	36	Quebec.....	Grand Mechains.....	Vessel swept ashore in a gale.	...	"
" ..	W. K. Smith.....	9	Digby, N.S.	" "	98	Portland, Me., to Yarmouth, N.S.	North Atlantic Ocean.	Vessel became unseaworthy during heavy gale by loss of masts and sails, crew taken off by steamer.	...	"
1901.										
Mar. 16	Willamette.....	20	American.	Schr., iron, steam.	1695	San Francisco to Oyster Harbour.	Bayne's Sound, Union Bay, B.C.	Error of master in leaving Union wharf in dense fog.	...	"
April 7	Wendell Bumpce.....	12	St. John, N.B.	Schr., wood, sail.	99	New York to St. John, N.B.	Broad Cove, Cape Elizabeth, about a mile from two lights.	Vessel became unmanageable in gale and struck. Boat capsized and the Captain and two men were drowned.	3	Total loss, 2,500.
May 7	White Swan.....	12	Parrsboro, N.S.	" "	78	West Bay, N.S., to Parrsboro, N.S.	Mouth of Parrsboro Riv., N.S.	Lost foremast and mainsail in squall.	...	Partial loss, 150.
April 26	Willie D.....	13	" "	" "	65	Cheverie, Parrsboro, to Bowdingham, Me.	Off Refuge Cove, Bay of Fundy.	Vessel sprung a leak and foundered.	...	Total loss, 1,500.

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APPENDIX No. 48.

REPORT OF THE MONTREAL HARBOUR COMMISSIONERS FOR THE
YEAR ENDED DECEMBER 31, 1901.

*(This report not complete : have received as yet only portion relating to Harbour
Master's Office.)*

REPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL,
FOR THE YEAR 1901.

HARBOUR MASTER'S OFFICE,
MONTREAL, March 1, 1902.

DAVID SEATH, Esq.,
Secretary Harbour Commissioners,
Montreal.

SIR,—I beg to submit for the information of the Harbour Commissioners of Montreal, the following as my annual report for the year ended 31st December, 1901. Appended thereto will be found six comparative statements showing respectively for the past ten years :

1. The number, tonnage and classification of sea-going vessels that arrived in port ;
2. Those that arrived from the Maritime provinces ;
3. Number and tonnage of inland vessels ;
4. The dates of the opening and closing of navigation, &c. ;
5. The number and tonnage belonging to the different nationalities ;
6. The number and tonnage of vessels consigned to the different agents.

From these statements it will be seen that 742 sea-going vessels arrived in port during the past season with a tonnage of 1,453,048 tons, an increase of 16 vessels and 59,162 tons over the previous year.

PORT OF MONTREAL.

NUMBER and Tonnage of Sea-going Vessels consigned to the following Merchants during the Season of 1901.

No.	Name of Firms.	Steam.	Tonnage.	Sail.	Tonnage.	Total Vessels.	Total Tonnage.
1	Kingman & Co.....	207	367,151	...	...	207	367,151
2	H. & A. Allan.....	76	248,870	...	...	76	248,870
3	The R. Reford Co., Ltd.....	110	237,103	...	...	110	237,103
4	Elder, Dempster & Co.....	77	209,960	...	...	77	209,960
5	Furness, Withy & Co., Ltd.....	50	132,364	...	...	50	132,364
6	McLean, Kennedy & Co.....	49	96,493	...	...	49	96,493
7	F. Leyland & Co., Ltd.....	16	42,619	...	...	16	42,619
8	Masters.	32	15,557	12	8,663	44	24,220
9	J. G. Brock & Co.....	16	18,464	5	330	21	18,794
10	Hy. Dobell & Co...	24	18,270	...	...	24	18,270
11	Franco-Canadian SS. Co..	7	16,261	...	...	7	16,261
12	Intercolonial Coal Co., Ltd.....	15	13,005	...	...	15	13,005
13	Wm. Petersen & Co.....	5	5,113	2	1,322	7	6,435
14	Imperial Government.....	2	5,535	...	...	2	5,535
15	Anderson, McKenzie & Co.....	2	2,403	6	2,744	8	5,147
16	John Hope & Co.....	2	4,741	...	...	2	4,741
17	Henderson & Taylor.	14	3,962	...	...	14	3,962
18	Three others.	3	210	10	1,908	13	2,118
Total.....		707	1,438,081	35	14,967	742	1,453,048

J. McSHANE,
Harbour Master.

Of these vessels 696 were built of iron and steel with a tonnage of 1,440,654 tons, and 46 were built of wood with a tonnage of 12,394 tons.

Of inland vessels there arrived 8,450, with a tonnage of 1,683,186 tons, an increase of 103 vessels, and 13,692 tons, making a grand total of vessels of all classes of 9,192 vessels, and a tonnage of 3,136,234 tons, an increase of 119 vessels of all classes, and 72,854 tons, over the previous year.

Some of the principal items of exports and imports (as obtained from the best sources of information) were :

EXPORTS.

LUMBER.—To the United Kingdom and continental ports.

1900.	1901.
239,222,380 feet.	222,424,850 feet, a decrease of 16,797,530 feet.

LUMBER.—To the River Plate.

1900.	1901.
463,765 feet.	863,067 feet, an increase of 399,302 feet.

		1900.	1900.
GRAIN,—	Wheat,	10,596,361 bushels.	13,594,686 bushels.
	Corn,	11,180,235 “	4,059,790 “
	Peas,	1,663,697 “	719,520 “
	Oats,	5,026,404 “	2,453,949 “
	Barley,	1,023,655 “	636,752 “
	Rye,	510,155 “	769,298 “
	Flaxseed,	126,892 “	669,634 “
	Buckwheat,	306,171 “	89,453 “
Total,		30,432,570 “	22,993,082 “

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Showing a decrease of 7,439,488 bushels.

	1900.	1901.		
Flour.....	1,260,441 barrels.	524,494 barrels	decrease....	735,947 barrels
Meal.....	53,611 "	34,982 "	"	18,629 "
Eggs.....	251,113 cases.	200,215 cases	"	50,898 cases.
Cheese.....	2,335,601 boxes.	1,783,031 boxes	"	552,570 boxes.
Butter.....	261,768 p'kgs.	406,862 p'kgs	increase....	145,094 p'kgs.
Apples..	268,068 barrels.	121,528 barrels	decrease....	146,540 barrels
Cattle.....	92,180 head.	73,791 head	"	18,389 head.
Sheep.....	34,838 "	54,538 "	increase...	19,700 "
Horses.....	6,584 "	7,386 "	"	802 "
Hay.....	14,519 tons.	14,600 "	"	81 tons.

IMPORTS.

	1900.	1901.		
Coal from Great Britain	11,233 tons,	83,849 tons	increase	72,615 tons.
" United States	312,035 "	341,163 "	"	29,128 "
" Maritime Prov.	743,528 "	911,008 "	"	167,480 "
Total	1,066,796	1,336,020	"	269,224

Of the above quantities there were discharged :

	1900.	1901.		
In the Harbour.....	975,783 tons.	1,245,795 tons.		
In the Canal.....	91,013 "	90,225 "		
Cement.....	281,337 brls.	261,416 brls.	Decrease	19,921 brls
Scrap Iron.....	5,556 tons.	20,367 tons.	Increase	13,811 tons

NOTES.

There arrived in the harbour on September 18th, H.M.S. *Tribune* and H.M.S. *Psyche* of the British North Atlantic Squadron, which remained until 24th September.

There has been an increase in the number and tonnage of the vessels arriving in the harbour during the past season.

Owing to the large harbour improvements being carried out, some of the lines had to give up part of the space assigned to them last spring, but provision was made for them elsewhere, and on the whole I think very little inconvenience was felt.

The whole respectfully submitted.

J. McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port in the past ten years, with the dates of the greatest number in Port at one time.

Years.	Steamships.	Tonnage.	Ships.	Tonnage.	Barques.	Tonnage.	Brigs.	Tonnage.	Brigantines.	Tonnage.	Schooners.	Tonnage.	Total Number of Vessels.	Total Tonnage.	Number in Port.
1892	658	1,004,396	8	11,705	21	15,405	1	149	4	809	43	4,243	735	1,036,767	39, July 12
1893	737	1,128,658	3	4,014	11	8,893			5	1,856	48	8,356	804	1,151,777	42, " 19
1894	684	1,079,313	3	4,324	14	9,609			5	901	28	2,762	734	1,096,909	32, May 23
1895	592	1,055,611	1	1,545	9	7,714			7	1,689	31	2,827	640	1,069,386	25, June 18
1896	669	1,200,543	5	7,350	6	4,003			9	2,052	20	2,520	709	1,216,468	37, July 29
1897	752	1,368,395			8	3,958			7	1,745	29	4,904	796	1,379,002	40, " 28
1898	830	1,567,436	2	3,026	12	10,031			5	1,478	19	2,104	868	1,584,072	42, Aug. 1
1899	773	1,509,668			7	3,530			3	1,048	18	3,365	801	1,517,611	39, July 29
1900	692	1,382,675			2	891			4	875	28	9,415	726	1,393,886	27, June 28
1901	707	1,438,081			4	2,240					31	12,727	742	1,453,048	25, July 8

J. McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port from the Maritime Provinces the past ten years.

Years.	Steamships.	Tonnage.	Ships.	Tonnage.	Barques.	Tonnage.	Brigs.	Tonnage.	Brigantines.	Tonnage.	Schooners.	Tonnage.	Total Number of Vessels.	Total Tonnage.
1892	289	275,040			3	2,215	1	149	2	340	36	2,214	331	280,958
1893	333	324,188					1	169			34	2,577	368	326,934
1894	349	362,945			3	2,323			4	609	23	2,230	379	362,107
1895	256	296,256							5	1,070	30	2,734	291	300,060
1896	252	292,880			1	178			4	734	15	1,188	272	294,981
1897	298	364,936							2	376	31	1,051	311	366,363
1898	327	372,274									14	1,397	341	373,671
1899	336	415,825									7	646	343	416,471
1900	279	352,002							1	169	15	2,564	295	354,735
1901	282	434,140			1	999					10	991	293	436,130

J. McSHANE,
Harbour Master.

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PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number and Tonnage of Inland Vessels that arrived in Port the past ten years, with the greatest number in Port at one time.

Years.	Number of Vessels.	Tonnage.	Greatest Number in port at one time.
1892	5,200	1,049,600	159, Aug. 6
1893	5,244	1,153,600	158, July 25
1894	4,666	979,809	172, May 20
1895	4,498	943,717	165, July 20
1896	4,832	1,004,117	160, June 11
1897	6,384	1,134,346	200, July 30
1898	6,941	1,807,892	216, Aug. 12
1899	8,877	1,899,097	219, July 28
1900	8,347	1,669,494	167, June 20
1901	8,450	1,683,186	175, June 28

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the dates of the Opening and Closing of Navigation, first Arrival from Sea and last Departure for Sea, the last ten years.

Years.	Opening of Navigation.	Closing of Navigation.	First Arrival from Sea.	Last Departure for Sea.
1892	April 13 ..	Dec. 23 ..	April 23 ..	Nov. 27
1893	" 24 ..	" 4 ..	May 3 ..	" 23
1894	" 12 ..	" 26 ..	April 27 ..	" 24
1895	" 20 ..	" 6 ..	" 27 ..	" 25
1896	" 22 ..	" 19 ..	" 28 ..	" 23
1897	" 17 ..	" 19 ..	" 30 ..	" 24
1898	Mar. 31 ..	" 12 ..	" 26 ..	" 28
1899	April 24 ..	" 30 ..	" 27 ..	" 29
1900	" 21 ..	" 10 ..	" 26 ..	Dec. 3
1901	" 21 ..	" 10 ..	" 25 ..	Nov. 25

J. McSHANE,
Harbour Master.

PORT OF MONTREAL.

STATEMENT showing the Nationality and Tonnage of Sea-going Vessels that arrived in Port during the Season of 1901, that were navigated by 28,459 seamen.

Nationality.	Number of Vessels.	Tonnage.
British	529	1,129,982
Norwegian	137	244,365
American	62	49,896
German	11	23,624
Swedish	2	3,816
Dutch	1	1,365

J. McSHANE,
Harbour Master.

WEATHER REPORT FOR 1901.

Date.	Wind (at 8 to 9 a.m.)	Temperature (at 8 to 9 a.m.)	Remarks.
Jan. 1..	North-west.....	Zero.....	Fine day.
" 2..	North-east.....	20 above.....	"
" 3..	North-west.....	8 below	"
" 4..	North-east.....	22 above.....	Dull day.
" 5..	North-west.....	5 below	Fine day.
" 6..	West.....	27 above	"
" 7..	".....	30 "	Snowing.
" 8..	South-west	15 "	Fine day.
" 9..	North-east.. .. .	32 "	"
" 10..	West.....	10 "	Snowing.
" 11..	North-east.....	12 "	Fine day.
" 12..	South-west	26 "	Snowing.
" 13..	West.....	20 "	Fine day.
" 14..	North-east.. .. .	18 "	"
" 15..	"	23 "	Snowing.
" 16..	South	38 "	Raining.
" 17..	East.....	34 "	Dull day.
" 18..	North-west.....	Zero... .. .	Fine day.
" 19..	West.....	14 below	"
" 20..	"	Zero.....	"
" 21..	South	40 above.....	Dull day.
" 22..	East.....	5 below	Fine day.
" 23..	West.....	10 above.....	"
" 24..	North-east.....	20 "	Dull day.
" 25..	"	28 "	Fine day.
" 26..	East.. .. .	18 "	"
" 27..	West.....	20 "	"
" 28..	East.. .. .	26 "	Snowing.
" 29..	"	8 "	Fine day.
" 30..	North-west.....	Zero.....	"
" 31..	East.....	10 above.....	Snowing.
Feb. 1..	West.....	8 "	Fine day.
" 2..	East.....	12 "	"
" 3..	West.....	14 "	"
" 4..	East.....	14 "	Snowing.
" 5..	North-east	22 "	"
" 6..	"	12 "	Fine day.
" 7..	East.....	2 "	"
" 8..	North	4 "	"
" 9..	West.	Zero.....	"
" 10..	North-west.....	10 above.....	"
" 11..	North.....	16 "	"
" 12..	South-east.....	20 "	Dull day.
" 13..	North.....	Zero.....	Snowing.
" 14..	"	4 above.....	Fine day.
" 15..	East.....	10 "	Snowing.
" 16..	North-east	24 "	Dull day.
" 17..	West.....	31 "	Fine day.
" 18..	East.....	30 "	Dull day.
" 19..	North	32 "	"
" 20..	"	20 "	Snowing.
" 21..	West.	14 "	Fine day.
" 22..	South-west	18 "	"
" 23..	West.....	16 "	"
" 24..	East.. .. .	28 "	"
" 25..	South-east.....	26 "	Dull day.
" 26..	West.....	26 "	Snowing.
" 27..	"	14 "	Fine day.
" 28..	"	11 "	"
Mar. 1..	North-east	28 "	"
" 2..	East.....	18 "	"
" 3..	"	30 "	"
" 4..	West.....	34 "	"
" 5..	North-east	28 "	Dull day.

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WEATHER REPORT FOR 1901—*Continued.*

Date.	Wind (at 8 to 9 a.m.)	Temperature (at 8 to 9 a.m.)	Remarks.
Mar. 6.	West.	12 above.	Fine day.
" 7.	"	20	"
" 8.	East.	24	Dull day.
" 9.	"	30	Snowing.
" 10.	West.	10	Fine day.
" 11.	East.	32	Sleet and rain.
" 12.	West.	32	Dull day.
" 13.	East.	32	Fine day.
" 14.	North-east.	24	Snowing.
" 15.	East.	27	Fine day.
" 16.	North.	26	"
" 17.	East.	30	Snowing.
" 18.	West.	39	Dull day.
" 19.	East.	9	Fine day.
" 20.	"	20	"
" 21.	"	40	Dull day.
" 22.	West.	34	Fine day.
" 23.	"	36	"
" 24.	North-west.	40	"
" 25.	East.	34	"
" 26.	South-east.	42	Dull day.
" 27.	West.	40	"
" 28.	"	30	Snowing.
" 29.	"	22	"
" 30.	East.	28	Fine day.
" 31.	West.	34	Snowing.
April 1.	"	44	Dull day.
" 2.	East.	47	Fine day.
" 3.	West.	40	Rainy day.
" 4.	North.	42	Fine day. Last day's crossing with teams opposite Hochelaga.
" 5.	East.	40	Snowing.
" 6.	"	40	Dull day.
" 7.	North.	34	Rainy day.
" 8.	East.	38	"
" 9.	North-west.	45	"
" 10.	East.	40	Fine day.
" 11.	"	37	"
" 12.	"	42	"
" 13.	"	40	"
" 14.	West.	45	"
" 15.	North-west.	47	"
" 16.	East.	43	"
" 17.	"	50	"
" 18.	South.	53	"
" 19.	West.	46	Rainy day.
" 20.	North.	38	Dull day.
" 21.	West.	50	Fine day. (Opening of Navigation.)
" 22.	North.	51	"
" 23.	East.	50	"
" 24.	West.	47	Dull day.
" 25.	East.	52	Fine day.
" 26.	"	48	"
" 27.	"	48	"
" 28.	West.	73	"
" 29.	East.	56	"
" 30.	"	45	Rainy day.
May 1.	West.	52	Fine day.
" 2.	South-east.	54	Dull day.
" 3.	East.	48	Fine day.
" 4.	South-east.	51	"
" 5.	West.	56	"
" 6.	"	53	"
" 7.	"	66	"
" 8.	North-west.	60	"
" 9.	"	64	"
" 10.	West.	68	"
" 11.	South-east.	62	Dull day.
" 12.	West.	60	Fine day.
" 13.	North-west.	58	"
" 14.	North-east.	52	"

WEATHER REPORT FOR 1901—Continued.

Date.		Wind (at 8 to 9 a.m.)	Temperature (at 8 to 9 a.m.)	Remarks.
May	15..	West.....	58 above	Fine day.
"	16..	North-west..	60 "	"
"	17..	West.....	58 "	Dull day.
"	18..	East.....	55 "	Rainy day.
"	19..	".....	54 "	"
"	20..	South-east...	56 "	Dull day.
"	21..	North-east...	62 "	"
"	22..	West.....	68 "	Fine day.
"	23..	North-east...	72 "	"
"	24..	West.....	51 "	Rainy day.
"	25..	".....	55 "	Fine day.
"	26..	South-west...	64 "	"
"	27..	West.....	60 "	Dull day.
"	28..	East.....	58 "	Fine day.
"	29..	".....	59 "	Rainy day.
"	30..	South-west...	58 "	Fine day.
"	31..	West.....	58 "	Rainy day.
June	1..	South-west	67 "	Fine day.
"	2..	North-east	53 "	"
"	3..	West.....	56 "	Rainy day.
"	4..	".....	68 "	Fine day.
"	5..	North-west..	70 "	"
"	6..	West.....	78 "	"
"	7..	North-west..	68 "	Rainy day.
"	8..	North-east...	62 "	Fine day.
"	9..	West.....	58 "	Rainy d y.
"	10..	North-east...	66 "	Fine day.
"	11..	West.....	71 "	"
"	12..	".....	67 "	"
"	13..	East.....	68 "	"
"	14..	West.....	82 "	"
"	15..	South-east...	62 "	"
"	16..	West.....	67 "	"
"	17..	East.....	65 "	"
"	18..	North-east...	62 "	Dull day.
"	19..	West.....	69 "	"
"	20..	".....	74 "	Fine day.
"	21..	North-west...	72 "	"
"	22..	East.....	73 "	"
"	23..	".....	68 "	Rainy day.
"	24..	West.....	70 "	Fine day.
"	25..	".....	76 "	"
"	26..	".....	80 "	"
"	27..	".....	84 "	"
"	28..	".....	85 "	"
"	29..	".....	86 "	"
"	30..	".....	82 "	"
July	1..	".....	80 "	"
"	2..	North-east...	84 "	"
"	3..	East.....	77 "	"
"	4..	West.....	70 "	"
"	5..	East.....	68 "	"
"	6..	East.....	65 "	Rainy day.
"	7..	West.....	60 "	"
"	8..	East.....	64 "	Fine day.
"	9..	West.....	70 "	"
"	10..	".....	73 "	"
"	11..	East.....	68 "	"
"	12..	".....	72 "	"
"	13..	West.....	76 "	"
"	14..	North-west...	83 "	"
"	15..	West.....	86 "	"
"	16..	".....	87 "	"
"	17..	North-west...	76 "	"
"	18..	West.....	84 "	"
"	19..	North-east...	70 "	"
"	20..	North-west...	76 "	"
"	21..	West.....	74 "	"
"	22..	North-east	80 "	"
"	23..	East.....	78 "	"
"	24..	".....	56 "	Rainy day.

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WEATHER REPORT FOR 1901—Continued.

Date.		Wind (at 8 to 9 a.m.)	Temperature (at 8 to 9 a.m.)	Remarks.
July	25..	East.....	64 above.....	Fine day.
"	26..	".....	66 ".....	"
"	27..	West.....	76 ".....	"
"	28..	North-east.....	73 ".....	Rainy day.
"	29..	West.....	71 ".....	Fine day.
"	30..	North-east.....	75 ".....	Showery.
"	31..	".....	63 ".....	Dull day.
Aug.	1..	West.....	64 ".....	Fine day..
"	2..	North.....	67 ".....	"
"	3..	North-east.....	72 ".....	"
"	4..	West.....	68 ".....	"
"	5..	East.....	70 ".....	"
"	6..	West.....	72 ".....	"
"	7..	".....	63 ".....	Rainy day.
"	8..	".....	74 ".....	Dull day.
"	9..	North.....	72 ".....	Fine day.
"	10..	West.....	69 ".....	Rainy day.
"	11..	".....	64 ".....	Fine day.
"	12..	East.....	68 ".....	"
"	13..	West.....	72 ".....	"
"	14..	".....	74 ".....	"
"	15..	".....	78 ".....	"
"	16..	East.....	74 ".....	"
"	17..	North-west.....	72 ".....	"
"	18..	West.....	80 ".....	Dull day.
"	19..	East.....	68 ".....	Fine day.
"	20..	South-east.....	67 ".....	Rainy day.
"	21..	".....	67 ".....	Dull day.
"	22..	East.....	78 ".....	Fine day.
"	23..	West.....	80 ".....	"
"	24..	North-west.....	74 ".....	Dull day.
"	25..	North-east.....	82 ".....	Fine day.
"	26..	West.....	76 ".....	"
"	27..	".....	78 ".....	"
"	28..	East.....	70 ".....	"
"	29..	West.....	76 ".....	"
"	30..	North-east..	68 ".....	Rainy day.
"	31..	".....	60 ".....	"
Sept.	1..	West.....	68 ".....	Fine day.
"	2..	North-east..	69 ".....	"
"	3..	South-east..	68 ".....	"
"	4..	West.....	76 ".....	"
"	5..	North-east.....	74 ".....	"
"	6..	West.....	78 ".....	"
"	7..	".....	78 ".....	"
"	8..	North-east.....	75 ".....	"
"	9..	West.....	63 ".....	"
"	10..	East.....	66 ".....	"
"	11..	South-east.....	60 ".....	Rainy day.
"	12..	West.....	62 ".....	Dull day.
"	13..	East.....	68 ".....	Rainy day.
"	14..	North-west.....	66 ".....	Fine day.
"	15..	East.....	68 ".....	Rainy day.
"	16..	North-west..	71 ".....	Fine day.
"	17..	West.....	59 ".....	Rainy day.
"	18..	North-west..	56 ".....	Fine day. (Arrival of T.R.H. Duke and Duchess of Cornwall and York.)
"	19..	South-west ..	58 ".....	Fine day.
"	20..	West.....	54 ".....	"
"	21..	".....	56 ".....	"
"	22..	South.....	64 ".....	"
"	23..	North-east..	66 ".....	"
"	24..	East.....	63 ".....	"
"	25..	".....	68 ".....	"
"	26..	West.....	50 ".....	"
"	27..	".....	62 ".....	"
"	28..	North-east.....	61 ".....	"
"	29..	West.....	60 ".....	"
"	30..	East.....	64 ".....	"
Oct.	1..	West.....	59 ".....	Dull day.
"	2..	".....	64 ".....	"
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WEATHER REPORT FOR 1901.—Continued.

Date.	Wind (at 8 to 9 a. m.)	Temperature (at 8 to 9 a. m.)	Remarks.
Oct. 3.	West.....	48 above	Dull day.
" 4.	North..	48 "	Fine day.
" 5.	North-east.....	47 "	Dull day.
" 6.	South-west..	46 "	Fine day.
" 7.	West. .	50 "	"
" 8.	"	58 "	"
" 9.	"	60 "	"
" 10.	South-west .	62 "	Dull day.
" 11.	West.....	64 "	Fine day.
" 12.	"	68 "	"
" 13.	East.....	55 "	Rainy day.
" 14.	West.....	58 "	Fine day.
" 15.	North-west.....	58 "	"
" 16.	West.....	50 "	Dull day.
" 17.	North-west.....	43 "	Rainy day.
" 18.	East.....	42 "	Fine day.
" 19.	North-east.....	49 "	Rainy day.
" 20.	West.....	40 "	Fine day.
" 21.	East.....	42 "	"
" 22.	North.....	46 "	"
" 23.	East.....	63 "	"
" 24.	"	44 "	Dull day.
" 25.	North-west...	40 "	Fine day.
" 26.	West. .	50 "	"
" 27.	East.....	57 "	"
" 28.	West.....	40 "	"
" 29.	East.....	42 "	"
" 30.	West. .	50 "	Dull day.
" 31.	"	60 "	Fine day.
Nov. 1.	East..	54 "	"
" 2.	"	50 "	"
" 3.	North-east.....	58 "	"
" 4.	West.....	48 "	"
" 5.	"	43 "	Dull day.
" 6.	East.....	43 "	Fine day.
" 7.	West.....	42 "	"
" 8.	East.....	40 "	Rainy day.
" 9.	West.....	43 "	"
" 10.	East.....	40 "	Fine day.
" 11.	"	28 "	Dull day.
" 12.	West.....	36 "	Rainy day.
" 13.	East.....	32 "	Fine day.
" 14.	North-west.....	32 "	Snowing.
" 15.	West.....	32 "	Fine day.
" 16.	East.....	30 "	"
" 17.	North-east.....	33 "	"
" 18.	West.....	38 "	"
" 19.	East.....	58 "	"
" 20.	North-west...	28 "	Dull day.
" 21.	East. .	32 "	Fine day.
" 22.	West.....	55 "	Rainy day.
" 23.	North-east.....	30 "	Snowing.
" 24.	West.....	27 "	Fine day.
" 25.	East. .	25 "	Snowing. Last SS. for sea.
" 26.	North.....	30 "	"
" 27.	North-east.....	18 "	Fine day.
" 28.	West.....	15 "	"
" 29.	North-east..	25 "	Dull day.
" 30.	East.....	26 "	Fine day.
Dec. 1.	North-west.....	36 "	Dull day.
" 2.	West.....	38 "	Rainy day.
" 3.	East.....	18 "	Fine day.
" 4.	North.....	18 "	Snowing.
" 5.	North-east.....	15 "	Fine day.
" 6.	East.....	12 "	" Close of navigation
" 7.	North.....	8 "	"
" 8.	West.....	33 "	"
" 9.	East. .	42 "	Rainy day.
" 10.	South-east .	38 "	"
" 11.	South-west .	28 "	Fine day.
" 12.	West.....	26 "	Dull day.

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WEATHER REPORT FOR 1901—*Concluded.*

Date.	Wind (at 8 to 9 a.m.)	Temperature (at 8 to 9 a.m.)	Remarks.
Dec. 13..	South-east.....	56 above.....	Rainy day.
" 14..	South	46 "	"
" 15..	North	10 "	Snowing.
" 16..	North-west.....	Zero.....	Fine day.
" 17..	East.....	4 above.....	"
" 18..	"	11 "	"
" 19..	North east	10 "	"
" 20..	"	14 "	"
" 21..	West.....	16 "	"
" 22..	East.....	12 "	"
" 23..	West.....	30 "	Dull day.
" 24..	North-east	36 "	Snowing.
" 25..	North	34 "	Fine day.
" 26..	West.....	40 "	Dull day.
" 27..	East.....	32 "	Snowing.
" 28..	"	32 "	Dull day.
" 29..	North-west.....	35 "	Snowing.
" 30..	West.....	38 "	Dull day.
" 31..	North	32 "	Snowing.

JAMES McSHANE,
Harbour Master.

